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Comparison of Cladding Creep Rupture Models

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TABLES

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1. PURPOSE

The objective of this calculation is to compare several creep rupture correlations for use in calculating creep strain accrued by the Zircaloy cladding of spent nuclear fuel when it has been emplaced in the repository. These correlations are used to calculate creep strain values that are then compared to a large set of experimentally measured creep strain data, taken from four different research articles, making it possible to determine the best fitting correlation. The scope of the calculation extends to six different creep rupture correlations.

This calculation is intended to support the analysis titled *Clad Degradation – Summary and Abstraction* (CRWMS M&O 2000b). This calculation has been developed in accordance with a development plan (CRWMS M&O 2000a).

This calculation was developed by Waste Package Department (WPD) under Office of Civilian Radioactive Waste Management (OCRWM) procedure AP-3.12Q, Revision 0, ICN 1, *Calculations*.

2. METHOD

The comparison of the different creep correlations is performed as follows:

- For each experimental point (determined by a set of three parameters: temperature, hoop stress, and time), the relative error, i.e., the absolute value of the difference between the calculated and measured value divided by the measured value [Abs((Calculated-Measured)/Measured)] is evaluated.

- The sum of the relative errors is calculated for each correlation.

- The best fitting correlation is the one for which the calculated sum is the lowest.

This method has been chosen, instead of another approach such as the least squares method, because it makes it possible to evaluate the uncertainty associated with each creep correlation (CRWMS M&O 2000b, Section 6.2.2).

This process is performed over several ranges of experimental points:

- The entire set of experimental points.

- A restricted range covering temperatures between 250°C and 385°C (i.e., between about 523 K and 658 K), and hoop stress between 54.9 MPa and 120 MPa. This temperature range has been chosen in order to examine the adequacy of the correlations at temperatures near the Zircaloy clad temperature limit criterion of 350°C, which is defined in the *Uncanistered Spent Nuclear Fuel Disposal Container System Description Document* (CRWMS M&O 1999, criterion 1.2.1.6), and is representative for all the other WPs that are designed to contain commercial spent nuclear fuel. The hoop stress range has been derived from CRWMS M&O (2000c, Section 6.7), which gives a distribution of hoop stress in the cladding with the following parameters: 95th percentile of 23.2 MPa and 5th percentile of 61.8 MPa at room temperature (about 300 K). Then, because the hoop stress is proportional to the internal pressure of the gases present in the rod, and the internal pressure is proportional to the temperature of these gases (according to ideal gas law), the hoop stress over the temperature range of 523 K to 658 K mainly ranges between $23.2 \times \frac{523}{300} \approx 40\,\text{MPa}$ and $61.8 \times \frac{658}{300} \approx 136\,\text{MPa}$. The subset of experimental data that best fits this hoop stress range covers 54.9 MPa to 120 MPa.

- Experimental end points, i.e., points whose observation time is the longest.

In the following, the correlation taken from Mayuzumi and Onchi (1990) will be referred to as Mayuzumi's, the correlation taken from Limback and Andersson (1996) will be referred to as

Limback's, the correlation taken from Spilker et al. (1997) will be referred to as Spilker's, the correlation taken from Henningson (1998, pp. 51 through 58) will be referred to as Murty's, and the correlation taken from Pescatore and Cowgill (1994, pp. 73 through 75) will be referred to as Peehs'. It should be kept in mind that these abbreviations are used for convenience and are not intended to privilege a specific author.

Method to control electronic management of data used in this calculation is in accordance with the development plan. The development plan specifies the use of AP-3.12Q.

3. ASSUMPTIONS

3.1 The different correlations utilize slightly different values for the gas constant. In Matsuo's correlation (Matsuo 1987, p. 114) and Murty's correlation (Henningson 1998, p. 57), a gas constant of 8.3169 J/mol·K is used, while in Mayuzumi's correlation (Mayuzumi and Onchi 1990, p. 384) and Limback's correlation (Limback and Andersson 1996, p. 455), the gas constant equals 8.314 J/mol·K. It is assumed that this discrepancy does not have a significant impact on the calculations performed. The rationale for this assumption is that the values differ by less than 0.035 percent, which is negligible. This assumption is used in Section 5.2.

3.2 Matsuo (1987, Figure 2 and Table 3) proposes experimental data that do not match his own correlation. The apparent reason for this discrepancy is a typographical error in Figure 2 of his article. Although no errata was found, it appears that the values of hoop stress are wrongly distributed. It is assumed that the correct hoop stress data are obtained by implementing the following rectification: change 235-MPa hoop stress to 275 MPa, 196-MPa hoop stress to 235 MPa, 157-MPa hoop stress to 235 MPa, 118-MPa hoop stress to 157 MPa, and finally 78-MPa hoop stress to 118 MPa. The rationale for this assumption is that the corrected hoop stress distribution leads to calculated creep strain values compatible with the measured creep strains, which is not the case for the initial one. This assumption is used in Section 5.1.

3.3 It is assumed that the uncertainty introduced by reading data from plots is negligible. This concerns the experimental data obtained from Matsuo (1987, Figure 2 and Table 3), Mayuzumi and Onchi (1990, Figures 3 and 4), Limback and Andersson (1996, Figures 1a and 1b). The rationale for this assumption is as follows. For each data point, the relative error, i.e., the absolute value of the difference between the calculated and measured value divided by the measured value, has been calculated, and the average for each correlation and each subset of experimental point is given in Table 4 (see Section 6). From this table, it appears that the relative error between the data calculated by a correlation, and the corresponding subset of experimental data, is about 12 percent, and always less than 15 percent, which is reasonable. Furthermore, only a fraction of the relative error is imputable to the uncertainties induced by extracting data from plots: the rest is due to uncertainties induced by the correlation itself. Therefore, it is reasonable to assume that the uncertainty introduced by reading data from plots is negligible. This assumption is used in Section 5.1.

4. USE OF COMPUTER SOFTWARE AND MODELS

4.1 SOFTWARE

No baselined software was used.

4.2 SOFTWARE ROUTINES

Microsoft Excel 97 was used as a computational tool to perform the calculations. The formulas used in Microsoft Excel spreadsheets that invoke a combination of built-in functions (such as the built-in exponential function (EXP), the built-in square root function (SQRT), etc.) linked together by user-defined operational instructions (such as additions and substractions), are considered routines per AP-SI.1Q, *Software Management*.

Documentation indicating that the software routines provide correct results for the range of input parameters is given in Attachment IV.

4.3 MODELS

None used.

5. CALCULATION

5.1 SETS OF EXPERIMENTAL DATA

The experiments were conducted on unirradiated cladding specimens of Zircaloy-2 and Zircaloy-4. They provide measured creep strain values along with temperature, hoop stress, and time parameters. The data are obtained from the following sources:

- Matsuo (1987, Figure 2 and Table 3): the numerical values of hoop stress and temperature are explicitly indicated on Figure 2. However, hoop stress data have been corrected (Assumption 3.2). The numerical values of time are taken from Table 3, except a time value of 50 h, read from plots on Figure 2. The creep rate data are read from plots on Figure 2.

- Mayuzumi and Onchi (1990, Figures 3 and 4): the numerical values of hoop stress and temperature are explicitly indicated on Figure 3 and 4. The creep rate and time data are read from plots on these figures.

- Limback and Andersson (1996, Figures 1a and 1b): the numerical values of hoop stress and temperature are explicitly indicated on Figures 1a and 1b.

- Spilker et al. (1997, Tables 2 and 3): the data are directly read from Tables 2 and 3.

It is supposed that the uncertainty introduced by reading data from plots is negligible (Assumption 3.3).

The complete list of measured data points is given in Table I-1 of Attachment I. Table 1 summarizes the main features of this experimental set.

Table 1. Main Features of the Entire Set of Experimental Data Points

Data Origin	Number of Points	Hoop Stress Range (MPa)		Time Range (hours)		Temperature Range (°C)		Measured Creep Strain Range (%)	
Spilker, Table 2	318	80	150	240	10000	250	400	0.06	87.5
Spilker, Table 3	320	80	150	240	10000	375	375	0.1	15.6
Matsuo	78	118	275	50	3000	360	360	0.12	4.2
Mayuzumi	71	54.9	121	50	7400	352.85	401.85	0.07	6.86
Limback	23	80	120	120	960	330	400	0.07	3.5
Entire Experimental Set	810	54.9	275	50	10000	250	401.85	0.06	87.5

In addition, two subsets of experimental points have been taken into consideration.

First, a more restrictive set of data, with temperature ranging from 250°C to 385°C, and hoop stress ranging from 54.9 MPa to 120 MPa, given in Table I-2 of Attachment I, and whose main features are summarized in Table 2.

Table 2. Main Features of the Restricted Set of Experimental Data Points

Data Origin	Number of Points	Hoop Stress Range (MPa)		Time Range (hours)		Temperature Range (°C)		Measured Creep Strain Range (%)	
Spilker, Table 2	192	80	120	240	10000	250	375	0.06	10.2
Spilker, Table 3	240	80	120	240	10000	375	375	0.1	5.2
Matsuo	21	118	118	50	3000	360	360	0.12	0.64
Mayuzumi	31	54.9	114	50	7400	352.85	352.85	0.07	1.03
Limback	19	80	120	120	960	330	385	0.07	1.45
Restricted Experimental Set	503	54.9	120	50	10000	250	385	0.06	10.2

In addition, calculations have been performed on the subset of observations with the longest exposure times for given values of hoop stress and temperature, that is, the experimental end points that are listed in Table I-3 of Attachment I. Table 3 summarizes the main features of this subset.

Table 3. Main Features of the Set of Experimental End Points

Data Origin	Number of Points	Hoop Stress Range (MPa)		Time Range (hours)		Temperature Range (°C)		Measured Creep Strain Range (%)	
Spilker, Table 2	32	80	150	10000	10000	250	375	0.12	25.1
Spilker, Table 3	40	80	150	10000	10000	375	375	0.74	15.6
Matsuo	15	118	275	480	3000	360	360	0.5	4.2
Mayuzumi	4	54.9	114	7400	7400	352.85	352.85	0.31	1.03
Limback	4	80	120	480	960	330	385	0.21	1.45
Experimental End Points	95	54.9	275	480	10000	250	385	0.12	25.1

5.2 CREEP STRAIN CORRELATIONS

The correlations used for creep strain calculation were obtained from the following sources:

- Matsuo (1987) for "Matsuo's correlation"
- Henningson (1998, pp. 51 through 58) for "Murty's correlation"
- Mayuzumi and Onchi (1990) for "Mayuzumi's correlation"
- Limback and Andersson (1996) for "Limback's correlation"
- Spilker et al. (1997) for "Spilker's correlation"
- Pescatore and Cowgill (1994, pp. 73 through 75) for "Peehs' correlation."

Matsuo's, Murty's, Mayuzumi's and Limback's correlations have been developed on the basis of a quasi-theoretical approach, whereas Spilker's and Peehs' correlations are essentially empirical.

A detailed description of these correlations is given in the following sections. Furthermore, several calculations performed on the basis of these correlations are given in Table I-1 of Attachment I and Table II-1 of Attachment II. It should be noted that these tables show rounded values that do not reflect the actual precision of the calculations. In addition, the fact that the different correlations utilize slightly different values for the gas constant is considered not to have a significant impact on the calculations performed (Assumption 3.1).

5.2.1 Matsuo's Correlation

Matsuo's correlation (Matsuo 1987, p. 117) gives total creep strain ε as:

$$\varepsilon = \varepsilon_p^s \left\{1 - \exp\left[-52(\dot{\varepsilon}_s t)^{0.5}\right]\right\} + \dot{\varepsilon}_s t$$

where ε_p^s and $\dot{\varepsilon}_s$ represent the primary creep strain and the steady-state creep rate, respectively, and are calculated as follows:

$$\varepsilon_p^s = 2.16\times10^{-2}\left(\dot{\varepsilon}_{s\,cal}\right)^{0.109}$$

$$\text{and } \dot{\varepsilon}_s = 1.57\times10^{13}\frac{E}{T}\left[\sinh\left(1130\frac{\sigma}{E}\right)\right]^{2.1}\exp\left(\frac{-2.72\times10^5}{RT}\right)$$

The value of $\dot{\varepsilon}_{scal}$ and the other parameters, given in Matsuo (1987, p. 114), are as follows:

$$\dot{\varepsilon}_{scal} = A\frac{E}{T}e^{\frac{B\sigma}{E}}e^{\frac{-Q}{RT}}$$

where

A = 3.62×10^{12} K/(MPa · h)
B = 2.40×10^3
Q = 2.72×10^5 J/mol
T = temperature, in Kelvin (K)
E = Young's modulus, in MPa, calculated as $E = 1.148\times10^5 - 5.99\times10\times T$
σ = hoop stress, in MPa
t = time, in hours
R = gas constant, equal to 8.3169 J/mol·K

For each experimental point, the total creep strain calculated via Matsuo's correlation is given in Table I-1 of Attachment I. Results are expressed in percentage, which means that the total creep strain calculated with the above expression has been multiplied by a factor of 100. In addition, Table II-1 of Attachment II gives, for each experimental point, the calculated value of the primary creep strain and the steady-state creep rate.

5.2.2 Murty's Correlation

Murty's correlation (Henningson 1998, p 57) gives total creep strain ε as:

$$\varepsilon = \left(\dot{\varepsilon}_{gl}t + \frac{\kappa\varepsilon_T\dot{\varepsilon}_{gl}t}{\varepsilon_T + \kappa\dot{\varepsilon}_{gl}t}\right) + \left(\dot{\varepsilon}_{cb}t\right)$$

where $\kappa = 10$ and $\varepsilon_T = 0.008$. $\dot{\varepsilon}_{gl}$ represents the "glide" creep rate, and $\dot{\varepsilon}_{cb}$ represents the Coble creep rate. These rates are calculated as follows:

$$\dot{\varepsilon}_{gl} = 4.97\times10^6\, e^{-31200/T}\frac{E}{T}\left[\sinh\left(807\frac{\sigma}{E}\right)\right]^3$$

$$\text{and } \dot{\varepsilon}_{cb} = 8.83\, e^{-21000/T}\frac{\sigma}{T}$$

where

T = temperature, in Kelvin (K)
E = Young's modulus, in Pa, calculated as $E = \left(1.148\times10^{5} - 59.9\times T\right)\times10^{6}$
σ = hoop stress, in Pa
t = time, in hours

For each experimental point, the total creep strain calculated via Murty's correlation is given in Table I-1 of Attachment I. Results are expressed in percentage, which means that the total creep strain calculated with the above expression has been multiplied by a factor of 100. In addition, Table II-1 of Attachment II gives, for each experimental point, the calculated value of the glide creep rate and the Coble creep rate.

5.2.3 Mayuzumi's Correlation

Mayuzumi's correlation (Mayuzumi and Onchi 1990, p. 387) gives total creep strain ε as:

$$\varepsilon = \varepsilon_p^s \left\{1 - \exp\left[-D\left(\dot{\varepsilon}_s t\right)^{0.63}\right]\right\} + \dot{\varepsilon}_s t$$

where $D = 9.28\times10^{7}\exp\left(-0.0212T\right)$, ε_p^s represents the primary creep strain, and $\dot{\varepsilon}_s$ represents the steady-state creep rate, calculated as follows:

$$\varepsilon_p^s = \exp\left(-0.0866T + 64.1\right)\times\left(\dot{\varepsilon}_s\right)^{-0.00336T+2.81}$$

$$\text{and} \quad \dot{\varepsilon}_s = 7.26\times10^{4}\frac{E}{T}e^{2320\frac{\sigma}{E}}e^{-\frac{215000}{RT}}$$

where

T = temperature, in Kelvin (K)
E = Young's modulus, in MPa, calculated as $E = 1.148\times10^{5} - 59.9\times T$ (Mayuzumi and Onchi 1990, p. 384)
σ = hoop stress, in MPa
t = time, in seconds
R = gas constant, equal to 8.314 J/mol·K (Mayuzumi and Onchi 1990, p. 384)

For each experimental point, the total creep strain calculated via Mayuzumi's correlation is given in Table I-1 of Attachment I. Results are expressed in percentage, which means that the total creep strain calculated with the above expression has been multiplied by a factor of 100. In addition,

Table II-1 of Attachment II gives, for each experimental point, the calculated value of the primary creep strain and the steady-state creep rate.

5.2.4 Limback's Correlation

Limback's correlation (Limback and Andersson, 1996, p. 454) gives total creep strain ε as:

$$\varepsilon = \varepsilon_p^s \left[1 - \exp\left(-C\sqrt{\dot{\varepsilon}_s t}\right)\right] + \dot{\varepsilon}_s t$$

where $C = 52$ (Limback and Andersson 1996, p. 459); ε_p^s and $\dot{\varepsilon}_s$ represent the primary creep strain and the steady-state creep rate, respectively, and are calculated as follows (Limback and Andersson 1996, pp. 454 and 459):

$$\varepsilon_p^s = B \times \dot{\varepsilon}_s^{\,b} \times \left[2 - \tanh\left(D\,\dot{\varepsilon}_s\right)\right]^d$$

$$\text{and } \dot{\varepsilon}_s = A\frac{E}{T}\left[\sinh\left(\frac{a\sigma}{E}\right)\right]^n \exp\left(-\frac{Q}{RT}\right)$$

The values of the parameters, given in Limback and Andersson (1996, Table 6, Table 7 and pp. 455 & 459) for stress relief annealed Zircaloy-2, are as follows:

B = 0.0216 h^b
b = 0.109
D = 35,500 h
d = -2.05
A = 1.06×10^9 MPa/h
a = 650
n = 2.0
Q = 201 kJ/mol (value taken in Limback and Andersson (1996, p. 459))
T = temperature, in Kelvin (K)
E = Young's modulus, in MPa, calculated as $E = 1.148\times10^5 - 59.9\times T$
σ = hoop stress, in MPa
t = time, in hours
R = gas constant, equal to 8.314 J/mol·K

For each experimental point, the total creep strain calculated via Limback's correlation is given in Table I-1 of Attachment I. Results are expressed in percentage, which means that the *total* creep strain calculated with the above expression has been multiplied by a factor of 100. In addition, Table II-1 of Attachment II gives, for each experimental point, the calculated value of the primary creep strain and the steady-state creep rate.

5.2.5 Spilker's Correlation

Spilker's correlation (Spilker et al., 1997, pp. 70 and 71) gives total creep strain ε as:

$$\varepsilon = At^m$$

where A is an initial strain of 0.04 percent and t is the time in hours. The time exponent m is expressed as a function of T (temperature in Celsius) and σ (hoop stress in MPa), as follows:

$$m = c_1 + c_2 T_f + c_3 T_f^2 + \cdots + c_{11} T_f^{10}$$

$$\text{where } T_f = T + (\sigma - 80) \times \frac{45}{70}$$

where

$c_1 = 0.361705 \times 10^{-13}$
$c_2 = 0.500028 \times 10^{-3}$
$c_3 = -0.555901 \times 10^{-6}$
$c_4 = 0.715481 \times 10^{-7}$
$c_5 = -0.181897 \times 10^{-8}$
$c_6 = 0.207254 \times 10^{-10}$
$c_7 = -0.126131 \times 10^{-12}$
$c_8 = 0.433320 \times 10^{-15}$
$c_9 = -0.835848 \times 10^{-18}$
$c_{10} = 0.842689 \times 10^{-21}$
$c_{11} = -0.345181 \times 10^{-24}$

This expression is valid for T between, but non including, 100°C and 400°C, and σ between, but non including, 80 MPa and 150 MPa. For each experimental point included in that range, the total creep strain calculated via Spilker's correlation is given in Table I-1 of Attachment I. Results are expressed in percentage. Because Spilker's creep strain is already expressed in percentage, no multiplying factor is applied to the above expression.

It should be noted that Spilker's correlation, which is purely empirical, has been developed on the basis of Table 2 of Spilker et al. (1997).

5.2.6 Peehs' Correlation

Peehs' correlation (Pescatore and Cowgill 1994, pp. 73 and 75) gives total creep strain ε as:

$$\varepsilon = A\left[\frac{B}{T} - \frac{\ln\left(\frac{\sigma}{C}\right)}{\ln(t+1)} - 1\right]^{m}$$

where

A = 1.89×10^{-3}
B = 610 K
C = 450 MPa
m = -2.58
T = temperature, in Kelvin (K)
σ = hoop stress, in MPa
t = time, in hours

This expression is valid for T ranging from 300°C to 400°C, σ ranging from 80 MPa to 300 MPa, and up to 1.5 percent hoop strain. For each experimental point included in that range, the total creep strain calculated via Peehs' correlation is given in Table I-1 of Attachment I. Results are expressed in percentage. As Peehs' creep strain is already expressed in percentage, no multiplying factor is applied to the above expression.

5.3 COMPARISON OF CREEP STRAIN CORRELATIONS

For each experimental point and each correlation, the relative error, i.e., the absolute value of the difference between the calculated and measured value divided by the measured value [Abs((Calculated-Measured)/Measured)], is evaluated. The results are given in Table III-1 of Attachment III. It should be noted that this table shows rounded values that do not reflect the actual precision of the calculations.

In order to assess how well a given correlation fits the experimental data, the relative errors calculated above have been summed over each set of experimental data. The best fitting correlation is the one for which the sum is the lowest. The results are given in the following section.

6. RESULTS

This document may be affected by technical product information that requires confirmation. Any changes to the document that may occur as a result of completing the confirmation activities will be reflected in subsequent revisions. The status of the input information quality may be confirmed by review of the Document Input Reference System database.

6.1 COMPARISON OVER THE ENTIRE SET OF EXPERIMENTAL DATA

Results obtained over the entire set of experimental data are shown in Table 4.

Table 4. Calculated Relative Errors – Entire Set of Experimental Data

Data Origin	Number of points	Matsuo's Correlation	Murty's Correlation	Mayuzumi's Correlation	Limback's Correlation	Spilker's Correlation	Peehs' Correlation
Spilker, Table 2	318	0.708	0.651	0.527	0.540	0.344	0.745
Spilker, Table 3	320	0.378	0.432	0.778	1.494	2.256	0.575
Matsuo	78	0.119	0.449	3.475	0.392	1.994	0.398
Mayuzumi	71	0.263	0.214	0.114	0.518	1.291	0.572
Limback	23	0.369	0.443	0.155	0.143	1.354	0.644
Entire Experimental Set	810	0.472	0.501	0.863	0.889	1.431	0.620

From Table 4, it appears that for an experimental set of data from a given research article, the best fitting correlation is the one developed in that article. This is not surprising since each correlation has been designed to match its associated experimental data. A particular case concerns Spilker's correlation. As mentioned in Section 5.2.5, this correlation, purely empirical, has been developed on the basis of Table 2 of Spilker et al. (1997). That is why it provides the best estimate for that table. Table 3 from the same article was not used to develop the correlation. This explains that Matsuo's correlation, which is from another source, provides better results.

When examining the results over the entire set of experimental points, which represents the weighted average of the results for each data set, it appears that Matsuo's correlation is the best fitting one, closely folllowed by Murty's.

6.2 COMPARISON OVER THE RESTRICTED SET OF EXPERIMENTAL DATA

Results obtained over the restricted set of experimental data are shown in Table 5.

Table 5. Calculated Relative Errors – Restricted Set of Experimental Data

Data Origin	Number of points	Matsuo's Correlation	Murty's Correlation	Mayuzumi's Correlation	Limback's Correlation	Spilker's Correlation	Peehs' Correlation
Spilker, Table 2	192	0.758	0.739	0.648	0.560	0.344	0.726
Spilker, Table 3	240	0.340	0.440	0.901	1.779	2.256	0.546
Matsuo	21	0.135	0.379	0.640	0.557	1.994	0.521
Mayuzumi	31	0.282	0.301	0.121	0.477	1.291	0.572
Limback	19	0.334	0.445	0.142	0.145	1.354	0.596
Restricted Set of Experimental Data	503	0.487	0.543	0.717	1.121	1.431	0.606

Observations similar to those made in the previous section can be formulated. For a set of data from a given article, the best fitting correlation is the one developed in that article, with two exceptions: Table 3 from Spilker et al. (1997), which is better approximated by Matsuo's correlation (see previous section), and Limback's data, for which Mayuzumi's correlation provides a slightly better estimate.

As stated previously, Matsuo's correlation is, globally, the best fitting correlation, and is closely followed by Murty's.

6.3 COMPARISON ON EXPERIMENTAL END POINTS

Results obtained on experimental end points are shown in Table 6.

Table 6. Calculated Relative Errors – Experimental End Points

Data Origin	Number of points	Matsuo's Correlation	Murty's Correlation	Mayuzumi's Correlation	Limback's Correlation	Spilker's Correlation	Peehs' Correlation
Spilker, Table 2	32	0.780	0.684	0.603	0.581	0.166	0.762
Spilker, Table 3	40	0.294	0.317	0.834	2.533	1.871	0.653
Matsuo	15	0.092	0.746	2.886	0.931	3.042	0.271
Mayuzumi	4	0.338	0.135	0.148	0.993	1.099	0.612
Limback	4	0.411	0.368	0.134	0.147	0.980	0.680
Experimental End Points	95	0.432	0.503	1.022	1.457	1.232	0.638

From Table 6, it is apparent that Matsuo's correlation, and to a lesser extent, Murty's correlation, turn out to be the best fitting correlations for experimental end points.

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8. ATTACHMENTS

Table 7 provides a list of attachments.

Table 7. List of Attachments

Attachment Number	Description	Number of Pages
I	List of experimental points (hoop stress, time, temperature, measured creep strain) and calculated creep strains; restricted set of experimental points; experimental end points	35
II	Primary creep and steady-state creep rate for Matsuo's, Mayuzumi's and Limback's correlation; glide and Coble creep rates for Murty's correlation, along with temperature, hoop stress, time, and Young's modulus	24
III	Calculated relative error for each correlation and each data point	23
IV	Documentation that the software routines provide correct result for the range of input parameters	16

Table I-1. List of Experimental Points (Hoop Stress, Time, Temperature, Measured Creep Strain) and Calculated Creep Strains

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	80	240	250	6.00E-02	1.76E-04	1.75E-06	5.92E-06	1.06E-03	N/A	N/A
Spilker, Table 2	80	400	250	6.00E-02	2.27E-04	2.92E-06	9.05E-06	1.37E-03	N/A	N/A
Spilker, Table 2	80	800	250	7.00E-02	3.22E-04	5.84E-06	1.63E-05	1.94E-03	N/A	N/A
Spilker, Table 2	80	1500	250	7.00E-02	4.40E-04	1.10E-05	2.82E-05	2.66E-03	N/A	N/A
Spilker, Table 2	80	3000	250	6.00E-02	6.22E-04	2.19E-05	5.23E-05	3.78E-03	N/A	N/A
Spilker, Table 2	80	5000	250	7.00E-02	8.03E-04	3.65E-05	8.30E-05	4.91E-03	N/A	N/A
Spilker, Table 2	80	7500	250	8.00E-02	9.83E-04	5.48E-05	1.20E-04	6.04E-03	N/A	N/A
Spilker, Table 2	80	10000	250	1.30E-01	1.14E-03	7.30E-05	1.57E-04	7.00E-03	N/A	N/A
Spilker, Table 2	80	240	250	6.00E-02	1.76E-04	1.75E-06	5.92E-06	1.06E-03	N/A	N/A
Spilker, Table 2	80	400	250	6.00E-02	2.27E-04	2.92E-06	9.05E-06	1.37E-03	N/A	N/A
Spilker, Table 2	80	800	250	7.00E-02	3.22E-04	5.84E-06	1.63E-05	1.94E-03	N/A	N/A
Spilker, Table 2	80	1500	250	7.00E-02	4.40E-04	1.10E-05	2.82E-05	2.66E-03	N/A	N/A
Spilker, Table 2	80	3000	250	6.00E-02	6.22E-04	2.19E-05	5.23E-05	3.78E-03	N/A	N/A
Spilker, Table 2	80	5000	250	6.00E-02	8.03E-04	3.65E-05	8.30E-05	4.91E-03	N/A	N/A
Spilker, Table 2	80	7500	250	1.10E-01	9.83E-04	5.48E-05	1.20E-04	6.04E-03	N/A	N/A
Spilker, Table 2	80	10000	250	1.30E-01	1.14E-03	7.30E-05	1.57E-04	7.00E-03	N/A	N/A
Spilker, Table 2	100	240	250	9.00E-02	2.63E-04	3.89E-06	1.25E-05	1.45E-03	8.50E-02	N/A
Spilker, Table 2	100	400	250	9.00E-02	3.40E-04	6.49E-06	1.88E-05	1.87E-03	9.12E-02	N/A
Spilker, Table 2	100	800	250	7.00E-02	4.81E-04	1.30E-05	3.30E-05	2.66E-03	1.00E-01	N/A
Spilker, Table 2	100	1500	250	8.00E-02	6.58E-04	2.43E-05	5.57E-05	3.65E-03	1.09E-01	N/A
Spilker, Table 2	100	3000	250	8.00E-02	9.30E-04	4.87E-05	1.01E-04	5.19E-03	1.20E-01	N/A
Spilker, Table 2	100	5000	250	8.00E-02	1.20E-03	8.11E-05	1.57E-04	6.74E-03	1.29E-01	N/A
Spilker, Table 2	100	7500	250	8.00E-02	1.47E-03	1.22E-04	2.25E-04	8.30E-03	1.37E-01	N/A
Spilker, Table 2	100	10000	250	1.20E-01	1.70E-03	1.62E-04	2.91E-04	9.63E-03	1.42E-01	N/A
Spilker, Table 2	100	240	250	6.00E-02	2.63E-04	3.89E-06	1.25E-05	1.45E-03	8.50E-02	N/A
Spilker, Table 2	100	400	250	8.00E-02	3.40E-04	6.49E-06	1.88E-05	1.87E-03	9.12E-02	N/A
Spilker, Table 2	100	800	250	9.00E-02	4.81E-04	1.30E-05	3.30E-05	2.66E-03	1.00E-01	N/A
Spilker, Table 2	100	1500	250	7.00E-02	6.58E-04	2.43E-05	5.57E-05	3.65E-03	1.09E-01	N/A
Spilker, Table 2	100	3000	250	7.00E-02	9.30E-04	4.87E-05	1.01E-04	5.19E-03	1.20E-01	N/A
Spilker, Table 2	100	5000	250	7.00E-02	1.20E-03	8.11E-05	1.57E-04	6.74E-03	1.29E-01	N/A
Spilker, Table 2	100	7500	250	8.00E-02	1.47E-03	1.22E-04	2.25E-04	8.30E-03	1.37E-01	N/A
Spilker, Table 2	100	10000	250	1.60E-01	1.70E-03	1.62E-04	2.91E-04	9.63E-03	1.42E-01	N/A
Spilker, Table 2	120	240	250	9.00E-02	3.84E-04	8.01E-06	2.73E-05	1.91E-03	9.12E-02	N/A
Spilker, Table 2	120	400	250	9.00E-02	4.96E-04	1.34E-05	4.02E-05	2.46E-03	9.85E-02	N/A

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	120	800	250	9.00E-02	7.01E-04	2.67E-05	6.86E-05	3.49E-03	1.09E-01	N/A
Spilker, Table 2	120	1500	250	7.00E-02	9.60E-04	5.01E-05	1.13E-04	4.80E-03	1.20E-01	N/A
Spilker, Table 2	120	3000	250	8.00E-02	1.36E-03	1.00E-04	1.98E-04	6.83E-03	1.33E-01	N/A
Spilker, Table 2	120	5000	250	8.00E-02	1.75E-03	1.67E-04	3.03E-04	8.87E-03	1.44E-01	N/A
Spilker, Table 2	120	7500	250	1.10E-01	2.14E-03	2.50E-04	4.26E-04	1.09E-02	1.53E-01	N/A
Spilker, Table 2	120	10000	250	1.40E-01	2.47E-03	3.34E-04	5.45E-04	1.27E-02	1.60E-01	N/A
Spilker, Table 2	120	240	250	8.00E-02	3.84E-04	8.01E-06	2.73E-05	1.91E-03	9.12E-02	N/A
Spilker, Table 2	120	400	250	8.00E-02	4.96E-04	1.34E-05	4.02E-05	2.46E-03	9.85E-02	N/A
Spilker, Table 2	120	800	250	9.00E-02	7.01E-04	2.67E-05	6.86E-05	3.49E-03	1.09E-01	N/A
Spilker, Table 2	120	1500	250	9.00E-02	9.60E-04	5.01E-05	1.13E-04	4.80E-03	1.20E-01	N/A
Spilker, Table 2	120	3000	250	7.00E-02	1.36E-03	1.00E-04	1.98E-04	6.83E-03	1.33E-01	N/A
Spilker, Table 2	120	5000	250	9.00E-02	1.75E-03	1.67E-04	3.03E-04	8.87E-03	1.44E-01	N/A
Spilker, Table 2	120	7500	250	1.10E-01	2.14E-03	2.50E-04	4.26E-04	1.09E-02	1.53E-01	N/A
Spilker, Table 2	120	10000	250	1.50E-01	2.47E-03	3.34E-04	5.45E-04	1.27E-02	1.60E-01	N/A
Spilker, Table 2	150	240	250	8.00E-02	6.62E-04	2.17E-05	9.28E-05	2.74E-03	N/A	N/A
Spilker, Table 2	150	400	250	1.00E-01	8.54E-04	3.62E-05	1.33E-04	3.55E-03	N/A	N/A
Spilker, Table 2	150	800	250	1.00E-01	1.21E-03	7.25E-05	2.17E-04	5.03E-03	N/A	N/A
Spilker, Table 2	150	1500	250	1.00E-01	1.65E-03	1.36E-04	3.42E-04	6.92E-03	N/A	N/A
Spilker, Table 2	150	3000	250	1.00E-01	2.33E-03	2.72E-04	5.69E-04	9.85E-03	N/A	N/A
Spilker, Table 2	150	5000	250	1.20E-01	3.01E-03	4.53E-04	8.34E-04	1.28E-02	N/A	N/A
Spilker, Table 2	150	7500	250	1.30E-01	3.68E-03	6.79E-04	1.14E-03	1.58E-02	N/A	N/A
Spilker, Table 2	150	10000	250	1.50E-01	4.24E-03	9.05E-04	1.42E-03	1.84E-02	N/A	N/A
Spilker, Table 2	150	240	250	1.00E-01	6.62E-04	2.17E-05	9.28E-05	2.74E-03	N/A	N/A
Spilker, Table 2	150	400	250	1.10E-01	8.54E-04	3.62E-05	1.33E-04	3.55E-03	N/A	N/A
Spilker, Table 2	150	800	250	1.10E-01	1.21E-03	7.25E-05	2.17E-04	5.03E-03	N/A	N/A
Spilker, Table 2	150	1500	250	1.10E-01	1.65E-03	1.36E-04	3.42E-04	6.92E-03	N/A	N/A
Spilker, Table 2	150	3000	250	1.10E-01	2.33E-03	2.72E-04	5.69E-04	9.85E-03	N/A	N/A
Spilker, Table 2	150	5000	250	1.40E-01	3.01E-03	4.53E-04	8.34E-04	1.28E-02	N/A	N/A
Spilker, Table 2	150	7500	250	1.70E-01	3.68E-03	6.79E-04	1.14E-03	1.58E-02	N/A	N/A
Spilker, Table 2	150	10000	250	1.80E-01	4.24E-03	9.05E-04	1.42E-03	1.84E-02	N/A	N/A
Spilker, Table 2	80	240	300	6.00E-02	4.77E-03	3.01E-04	1.61E-03	1.19E-02	N/A	2.31E-02
Spilker, Table 2	80	400	300	8.00E-02	6.14E-03	5.02E-04	2.24E-03	1.54E-02	N/A	2.79E-02
Spilker, Table 2	80	800	300	8.00E-02	8.66E-03	1.00E-03	3.49E-03	2.18E-02	N/A	3.50E-02
Spilker, Table 2	80	1500	300	1.10E-01	1.18E-02	1.88E-03	5.22E-03	3.01E-02	N/A	4.21E-02
Spilker, Table 2	80	3000	300	9.00E-02	1.66E-02	3.75E-03	8.12E-03	4.31E-02	N/A	5.04E-02
Spilker, Table 2	80	5000	300	1.10E-01	2.12E-02	6.24E-03	1.12E-02	5.67E-02	N/A	5.70E-02

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	80	7500	300	1.90E-01	2.58E-02	9.33E-03	1.46E-02	7.10E-02	N/A	6.24E-02
Spilker, Table 2	80	10000	300	2.30E-01	2.97E-02	1.24E-02	1.76E-02	8.37E-02	N/A	6.63E-02
Spilker, Table 2	80	240	300	7.00E-02	4.77E-03	3.01E-04	1.61E-03	1.19E-02	N/A	2.31E-02
Spilker, Table 2	80	400	300	7.00E-02	6.14E-03	5.02E-04	2.24E-03	1.54E-02	N/A	2.79E-02
Spilker, Table 2	80	800	300	9.00E-02	8.66E-03	1.00E-03	3.49E-03	2.18E-02	N/A	3.50E-02
Spilker, Table 2	80	1500	300	1.00E-01	1.18E-02	1.88E-03	5.22E-03	3.01E-02	N/A	4.21E-02
Spilker, Table 2	80	3000	300	9.00E-02	1.66E-02	3.75E-03	8.12E-03	4.31E-02	N/A	5.04E-02
Spilker, Table 2	80	5000	300	1.20E-01	2.12E-02	6.24E-03	1.12E-02	5.67E-02	N/A	5.70E-02
Spilker, Table 2	80	7500	300	1.60E-01	2.58E-02	9.33E-03	1.46E-02	7.10E-02	N/A	6.24E-02
Spilker, Table 2	80	10000	300	1.90E-01	2.97E-02	1.24E-02	1.76E-02	8.37E-02	N/A	6.63E-02
Spilker, Table 2	100	240	300	1.10E-01	7.18E-03	6.95E-04	3.62E-03	1.63E-02	1.30E-01	3.09E-02
Spilker, Table 2	100	400	300	1.10E-01	9.24E-03	1.16E-03	4.96E-03	2.11E-02	1.45E-01	3.72E-02
Spilker, Table 2	100	800	300	1.20E-01	1.30E-02	2.31E-03	7.53E-03	2.99E-02	1.68E-01	4.64E-02
Spilker, Table 2	100	1500	300	1.40E-01	1.77E-02	4.33E-03	1.09E-02	4.12E-02	1.92E-01	5.54E-02
Spilker, Table 2	100	3000	300	1.30E-01	2.47E-02	8.61E-03	1.62E-02	5.94E-02	2.23E-01	6.61E-02
Spilker, Table 2	100	5000	300	1.60E-01	3.16E-02	1.43E-02	2.17E-02	7.86E-02	2.49E-01	7.44E-02
Spilker, Table 2	100	7500	300	2.00E-01	3.84E-02	2.13E-02	2.74E-02	9.94E-02	2.72E-01	8.12E-02
Spilker, Table 2	100	10000	300	2.90E-01	4.39E-02	2.81E-02	3.25E-02	1.18E-01	2.89E-01	8.61E-02
Spilker, Table 2	100	240	300	1.20E-01	7.18E-03	6.95E-04	3.62E-03	1.63E-02	1.30E-01	3.09E-02
Spilker, Table 2	100	400	300	1.20E-01	9.24E-03	1.16E-03	4.96E-03	2.11E-02	1.45E-01	3.72E-02
Spilker, Table 2	100	800	300	1.30E-01	1.30E-02	2.31E-03	7.53E-03	2.99E-02	1.68E-01	4.64E-02
Spilker, Table 2	100	1500	300	1.40E-01	1.77E-02	4.33E-03	1.09E-02	4.12E-02	1.92E-01	5.54E-02
Spilker, Table 2	100	3000	300	1.40E-01	2.47E-02	8.61E-03	1.62E-02	5.94E-02	2.23E-01	6.61E-02
Spilker, Table 2	100	5000	300	1.80E-01	3.16E-02	1.43E-02	2.17E-02	7.86E-02	2.49E-01	7.44E-02
Spilker, Table 2	100	7500	300	2.40E-01	3.84E-02	2.13E-02	2.74E-02	9.94E-02	2.72E-01	8.12E-02
Spilker, Table 2	100	10000	300	2.90E-01	4.39E-02	2.81E-02	3.25E-02	1.18E-01	2.89E-01	8.61E-02
Spilker, Table 2	120	240	300	1.20E-01	1.05E-02	1.47E-03	8.12E-03	2.15E-02	1.57E-01	4.04E-02
Spilker, Table 2	120	400	300	1.20E-01	1.35E-02	2.45E-03	1.09E-02	2.77E-02	1.79E-01	4.83E-02
Spilker, Table 2	120	800	300	1.60E-01	1.90E-02	4.88E-03	1.60E-02	3.93E-02	2.13E-01	5.99E-02
Spilker, Table 2	120	1500	300	1.80E-01	2.58E-02	9.11E-03	2.23E-02	5.43E-02	2.49E-01	7.12E-02
Spilker, Table 2	120	3000	300	1.90E-01	3.60E-02	1.80E-02	3.15E-02	7.88E-02	2.96E-01	8.44E-02
Spilker, Table 2	120	5000	300	2.10E-01	4.58E-02	2.97E-02	4.06E-02	1.05E-01	3.36E-01	9.46E-02
Spilker, Table 2	120	7500	300	2.70E-01	5.53E-02	4.39E-02	4.99E-02	1.35E-01	3.72E-01	1.03E-01
Spilker, Table 2	120	10000	300	3.30E-01	6.32E-02	5.77E-02	5.84E-02	1.62E-01	3.99E-01	1.09E-01
Spilker, Table 2	120	240	300	1.20E-01	1.05E-02	1.47E-03	8.12E-03	2.15E-02	1.57E-01	4.04E-02
Spilker, Table 2	120	400	300	1.30E-01	1.35E-02	2.45E-03	1.09E-02	2.77E-02	1.79E-01	4.83E-02

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	120	800	300	1.50E-01	1.90E-02	4.88E-03	1.60E-02	3.93E-02	2.13E-01	5.99E-02
Spilker, Table 2	120	1500	300	1.70E-01	2.58E-02	9.11E-03	2.23E-02	5.43E-02	2.49E-01	7.12E-02
Spilker, Table 2	120	3000	300	1.90E-01	3.60E-02	1.80E-02	3.15E-02	7.88E-02	2.96E-01	8.44E-02
Spilker, Table 2	120	5000	300	2.20E-01	4.58E-02	2.97E-02	4.06E-02	1.05E-01	3.36E-01	9.46E-02
Spilker, Table 2	120	7500	300	3.00E-01	5.53E-02	4.39E-02	4.99E-02	1.35E-01	3.72E-01	1.03E-01
Spilker, Table 2	120	10000	300	3.20E-01	6.32E-02	5.77E-02	5.84E-02	1.62E-01	3.99E-01	1.09E-01
Spilker, Table 2	150	240	300	1.50E-01	1.83E-02	4.11E-03	2.66E-02	3.09E-02	N/A	5.84E-02
Spilker, Table 2	150	400	300	1.50E-01	2.35E-02	6.83E-03	3.45E-02	3.99E-02	N/A	6.93E-02
Spilker, Table 2	150	800	300	2.10E-01	3.28E-02	1.36E-02	4.75E-02	5.67E-02	N/A	8.51E-02
Spilker, Table 2	150	1500	300	2.20E-01	4.42E-02	2.51E-02	6.16E-02	7.88E-02	N/A	1.00E-01
Spilker, Table 2	150	3000	300	2.60E-01	6.11E-02	4.90E-02	8.02E-02	1.16E-01	N/A	1.18E-01
Spilker, Table 2	150	5000	300	3.20E-01	7.72E-02	7.91E-02	9.78E-02	1.58E-01	N/A	1.31E-01
Spilker, Table 2	150	7500	300	4.20E-01	9.26E-02	1.14E-01	1.17E-01	2.06E-01	N/A	1.42E-01
Spilker, Table 2	150	10000	300	4.50E-01	1.05E-01	1.46E-01	1.35E-01	2.52E-01	N/A	1.50E-01
Spilker, Table 2	150	240	300	1.60E-01	1.83E-02	4.11E-03	2.66E-02	3.09E-02	N/A	5.84E-02
Spilker, Table 2	150	400	300	1.80E-01	2.35E-02	6.83E-03	3.45E-02	3.99E-02	N/A	6.93E-02
Spilker, Table 2	150	800	300	2.30E-01	3.28E-02	1.36E-02	4.75E-02	5.67E-02	N/A	8.51E-02
Spilker, Table 2	150	1500	300	2.40E-01	4.42E-02	2.51E-02	6.16E-02	7.88E-02	N/A	1.00E-01
Spilker, Table 2	150	3000	300	2.70E-01	6.11E-02	4.90E-02	8.02E-02	1.16E-01	N/A	1.18E-01
Spilker, Table 2	150	5000	300	3.30E-01	7.72E-02	7.91E-02	9.78E-02	1.58E-01	N/A	1.31E-01
Spilker, Table 2	150	7500	300	4.40E-01	9.26E-02	1.14E-01	1.17E-01	2.06E-01	N/A	1.42E-01
Spilker, Table 2	150	10000	300	5.00E-01	1.05E-01	1.46E-01	1.35E-01	2.52E-01	N/A	1.50E-01
Spilker, Table 2	80	240	350	1.90E-01	7.15E-02	2.34E-02	6.83E-02	8.90E-02	N/A	4.46E-02
Spilker, Table 2	80	400	350	2.20E-01	9.03E-02	3.83E-02	9.04E-02	1.16E-01	N/A	5.70E-02
Spilker, Table 2	80	800	350	2.60E-01	1.23E-01	7.38E-02	1.30E-01	1.70E-01	N/A	7.74E-02
Spilker, Table 2	80	1500	350	3.20E-01	1.61E-01	1.30E-01	1.77E-01	2.49E-01	N/A	9.97E-02
Spilker, Table 2	80	3000	350	4.10E-01	2.14E-01	2.31E-01	2.49E-01	4.05E-01	N/A	1.29E-01
Spilker, Table 2	80	5000	350	4.90E-01	2.61E-01	3.35E-01	3.27E-01	6.04E-01	N/A	1.54E-01
Spilker, Table 2	80	7500	350	6.10E-01	3.06E-01	4.37E-01	4.17E-01	8.49E-01	N/A	1.76E-01
Spilker, Table 2	80	10000	350	7.40E-01	3.42E-01	5.18E-01	5.03E-01	1.09E+00	N/A	1.93E-01
Spilker, Table 2	80	240	350	2.00E-01	7.15E-02	2.34E-02	6.83E-02	8.90E-02	N/A	4.46E-02
Spilker, Table 2	80	400	350	2.30E-01	9.03E-02	3.83E-02	9.04E-02	1.16E-01	N/A	5.70E-02
Spilker, Table 2	80	800	350	2.70E-01	1.23E-01	7.38E-02	1.30E-01	1.70E-01	N/A	7.74E-02
Spilker, Table 2	80	1500	350	3.20E-01	1.61E-01	1.30E-01	1.77E-01	2.49E-01	N/A	9.97E-02
Spilker, Table 2	80	3000	350	4.10E-01	2.14E-01	2.31E-01	2.49E-01	4.05E-01	N/A	1.29E-01
Spilker, Table 2	80	5000	350	4.90E-01	2.61E-01	3.35E-01	3.27E-01	6.04E-01	N/A	1.54E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	80	7500	350	6.50E-01	3.06E-01	4.37E-01	4.17E-01	8.49E-01	N/A	1.76E-01
Spilker, Table 2	80	10000	350	7.40E-01	3.42E-01	5.18E-01	5.03E-01	1.09E+00	N/A	1.93E-01
Spilker, Table 2	100	240	350	2.90E-01	1.05E-01	5.31E-02	1.38E-01	1.23E-01	3.50E-01	6.54E-02
Spilker, Table 2	100	400	350	3.10E-01	1.32E-01	8.55E-02	1.77E-01	1.62E-01	4.28E-01	8.40E-02
Spilker, Table 2	100	800	350	4.00E-01	1.77E-01	1.57E-01	2.42E-01	2.42E-01	5.63E-01	1.14E-01
Spilker, Table 2	100	1500	350	4.80E-01	2.29E-01	2.60E-01	3.16E-01	3.68E-01	7.22E-01	1.48E-01
Spilker, Table 2	100	3000	350	6.30E-01	2.99E-01	4.20E-01	4.30E-01	6.22E-01	9.49E-01	1.92E-01
Spilker, Table 2	100	5000	350	8.10E-01	3.63E-01	5.64E-01	5.60E-01	9.54E-01	1.16E+00	2.30E-01
Spilker, Table 2	100	7500	350	1.04E+00	4.24E-01	6.94E-01	7.16E-01	1.37E+00	1.36E+00	2.64E-01
Spilker, Table 2	100	10000	350	1.24E+00	4.76E-01	7.97E-01	8.71E-01	1.78E+00	1.53E+00	2.90E-01
Spilker, Table 2	100	240	350	2.60E-01	1.05E-01	5.31E-02	1.38E-01	1.23E-01	3.50E-01	6.54E-02
Spilker, Table 2	100	400	350	3.10E-01	1.32E-01	8.55E-02	1.77E-01	1.62E-01	4.28E-01	8.40E-02
Spilker, Table 2	100	800	350	3.90E-01	1.77E-01	1.57E-01	2.42E-01	2.42E-01	5.63E-01	1.14E-01
Spilker, Table 2	100	1500	350	4.80E-01	2.29E-01	2.60E-01	3.16E-01	3.68E-01	7.22E-01	1.48E-01
Spilker, Table 2	100	3000	350	6.30E-01	2.99E-01	4.20E-01	4.30E-01	6.22E-01	9.49E-01	1.92E-01
Spilker, Table 2	100	5000	350	8.10E-01	3.63E-01	5.64E-01	5.60E-01	9.54E-01	1.16E+00	2.30E-01
Spilker, Table 2	100	7500	350	9.80E-01	4.24E-01	6.94E-01	7.16E-01	1.37E+00	1.36E+00	2.64E-01
Spilker, Table 2	100	10000	350	1.17E+00	4.76E-01	7.97E-01	8.71E-01	1.78E+00	1.53E+00	2.90E-01
Spilker, Table 2	120	240	350	3.50E-01	1.50E-01	1.08E-01	2.68E-01	1.66E-01	5.00E-01	9.41E-02
Spilker, Table 2	120	400	350	4.30E-01	1.87E-01	1.67E-01	3.32E-01	2.20E-01	6.33E-01	1.21E-01
Spilker, Table 2	120	800	350	5.40E-01	2.47E-01	2.88E-01	4.31E-01	3.38E-01	8.71E-01	1.66E-01
Spilker, Table 2	120	1500	350	7.10E-01	3.14E-01	4.39E-01	5.41E-01	5.30E-01	1.16E+00	2.15E-01
Spilker, Table 2	120	3000	350	9.40E-01	4.06E-01	6.44E-01	7.24E-01	9.27E-01	1.60E+00	2.81E-01
Spilker, Table 2	120	5000	350	1.22E+00	4.94E-01	8.23E-01	9.52E-01	1.45E+00	2.03E+00	3.37E-01
Spilker, Table 2	120	7500	350	1.55E+00	5.83E-01	9.95E-01	1.23E+00	2.11E+00	2.44E+00	3.88E-01
Spilker, Table 2	120	10000	350	1.84E+00	6.63E-01	1.14E+00	1.51E+00	2.76E+00	2.79E+00	4.27E-01
Spilker, Table 2	120	240	350	3.70E-01	1.50E-01	1.08E-01	2.68E-01	1.66E-01	5.00E-01	9.41E-02
Spilker, Table 2	120	400	350	4.30E-01	1.87E-01	1.67E-01	3.32E-01	2.20E-01	6.33E-01	1.21E-01
Spilker, Table 2	120	800	350	5.70E-01	2.47E-01	2.88E-01	4.31E-01	3.38E-01	8.71E-01	1.66E-01
Spilker, Table 2	120	1500	350	7.30E-01	3.14E-01	4.39E-01	5.41E-01	5.30E-01	1.16E+00	2.15E-01
Spilker, Table 2	120	3000	350	9.50E-01	4.06E-01	6.44E-01	7.24E-01	9.27E-01	1.60E+00	2.81E-01
Spilker, Table 2	120	5000	350	1.23E+00	4.94E-01	8.23E-01	9.52E-01	1.45E+00	2.03E+00	3.37E-01
Spilker, Table 2	120	7500	350	1.58E+00	5.83E-01	9.95E-01	1.23E+00	2.11E+00	2.44E+00	3.88E-01
Spilker, Table 2	120	10000	350	1.86E+00	6.63E-01	1.14E+00	1.51E+00	2.76E+00	2.79E+00	4.27E-01
Spilker, Table 2	150	240	350	5.90E-01	2.46E-01	2.59E-01	6.73E-01	2.55E-01	N/A	1.60E-01
Spilker, Table 2	150	400	350	7.20E-01	2.99E-01	3.71E-01	7.83E-01	3.44E-01	N/A	2.06E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	150	800	350	9.60E-01	3.86E-01	5.61E-01	9.45E-01	5.50E-01	N/A	2.84E-01
Spilker, Table 2	150	1500	350	1.27E+00	4.85E-01	7.69E-01	1.15E+00	8.96E-01	N/A	3.72E-01
Spilker, Table 2	150	3000	350	1.79E+00	6.34E-01	1.06E+00	1.57E+00	1.63E+00	N/A	4.89E-01
Spilker, Table 2	150	5000	350	2.40E+00	7.97E-01	1.38E+00	2.12E+00	2.61E+00	N/A	5.91E-01
Spilker, Table 2	150	7500	350	3.20E+00	9.84E-01	1.73E+00	2.81E+00	3.83E+00	N/A	6.82E-01
Spilker, Table 2	150	10000	350	3.78E+00	1.17E+00	2.08E+00	3.50E+00	5.05E+00	N/A	7.53E-01
Spilker, Table 2	150	240	350	5.90E-01	2.46E-01	2.59E-01	6.73E-01	2.55E-01	N/A	1.60E-01
Spilker, Table 2	150	400	350	7.10E-01	2.99E-01	3.71E-01	7.83E-01	3.44E-01	N/A	2.06E-01
Spilker, Table 2	150	800	350	9.60E-01	3.86E-01	5.61E-01	9.45E-01	5.50E-01	N/A	2.84E-01
Spilker, Table 2	150	1500	350	1.26E+00	4.85E-01	7.69E-01	1.15E+00	8.96E-01	N/A	3.72E-01
Spilker, Table 2	150	3000	350	1.67E+00	6.34E-01	1.06E+00	1.57E+00	1.63E+00	N/A	4.89E-01
Spilker, Table 2	150	5000	350	2.08E+00	7.97E-01	1.38E+00	2.12E+00	2.61E+00	N/A	5.91E-01
Spilker, Table 2	150	7500	350	2.41E+00	9.84E-01	1.73E+00	2.81E+00	3.83E+00	N/A	6.82E-01
Spilker, Table 2	150	10000	350	2.55E+00	1.17E+00	2.08E+00	3.50E+00	5.05E+00	N/A	7.53E-01
Spilker, Table 2	80	240	375	4.30E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 2	80	400	375	5.00E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 2	80	800	375	6.60E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 2	80	1500	375	8.80E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 2	80	3000	375	1.29E+00	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 2	80	5000	375	1.69E+00	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 2	80	7500	375	2.05E+00	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 2	80	10000	375	2.71E+00	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 2	80	240	375	3.90E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 2	80	400	375	4.80E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 2	80	800	375	6.40E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 2	80	1500	375	8.40E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 2	80	3000	375	1.30E+00	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 2	80	5000	375	1.66E+00	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 2	80	7500	375	2.14E+00	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 2	80	10000	375	2.67E+00	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 2	100	240	375	6.70E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 2	100	400	375	8.00E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 2	100	800	375	1.13E+00	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 2	100	1500	375	1.55E+00	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 2	100	3000	375	2.39E+00	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 2	100	5000	375	3.24E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	100	7500	375	4.24E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 2	100	10000	375	5.33E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 2	100	240	375	6.60E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 2	100	400	375	8.00E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 2	100	800	375	1.13E+00	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 2	100	1500	375	1.54E+00	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 2	100	3000	375	2.37E+00	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 2	100	5000	375	3.24E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 2	100	7500	375	4.21E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 2	100	10000	375	5.30E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 2	120	240	375	1.00E+00	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 2	120	400	375	1.29E+00	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 2	120	800	375	1.85E+00	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 2	120	1500	375	2.69E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 2	120	3000	375	4.36E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 2	120	5000	375	6.07E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 2	120	7500	375	7.47E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 2	120	10000	375	1.02E+01	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 2	120	240	375	9.80E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 2	120	400	375	1.27E+00	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 2	120	800	375	1.78E+00	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 2	120	1500	375	2.57E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 2	120	3000	375	4.23E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 2	120	5000	375	5.96E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 2	120	7500	375	7.47E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 2	120	10000	375	1.01E+01	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 2	150	240	375	1.96E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 2	150	400	375	2.55E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 2	150	800	375	3.85E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 2	150	1500	375	5.85E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 2	150	3000	375	1.01E+01	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 2	150	5000	375	1.46E+01	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 2	150	7500	375	1.98E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 2	150	10000	375	2.51E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 2	150	240	375	1.92E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 2	150	400	375	2.50E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	150	800	375	3.71E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 2	150	1500	375	5.56E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 2	150	3000	375	9.68E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 2	150	5000	375	1.40E+01	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 2	150	7500	375	1.93E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 2	150	10000	375	2.49E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 2	80	240	400	6.30E-01	5.15E-01	5.21E-01	5.47E-01	6.95E-01	N/A	9.28E-02
Spilker, Table 2	80	400	400	8.40E-01	6.13E-01	6.81E-01	7.27E-01	9.73E-01	N/A	1.29E-01
Spilker, Table 2	80	800	400	1.23E+00	7.94E-01	9.44E-01	1.09E+00	1.65E+00	N/A	1.99E-01
Spilker, Table 2	80	1500	400	1.83E+00	1.06E+00	1.28E+00	1.63E+00	2.84E+00	N/A	2.89E-01
Spilker, Table 2	80	3000	400	2.79E+00	1.57E+00	1.91E+00	2.73E+00	5.38E+00	N/A	4.31E-01
Spilker, Table 2	80	5000	400	4.05E+00	2.26E+00	2.70E+00	4.18E+00	8.77E+00	N/A	5.76E-01
Spilker, Table 2	80	7500	400	5.58E+00	3.10E+00	3.68E+00	5.99E+00	1.30E+01	N/A	7.23E-01
Spilker, Table 2	80	10000	400	7.32E+00	3.95E+00	4.65E+00	7.80E+00	1.72E+01	N/A	8.50E-01
Spilker, Table 2	80	240	400	6.60E-01	5.15E-01	5.21E-01	5.47E-01	6.95E-01	N/A	9.28E-02
Spilker, Table 2	80	400	400	8.70E-01	6.13E-01	6.81E-01	7.27E-01	9.73E-01	N/A	1.29E-01
Spilker, Table 2	80	800	400	1.31E+00	7.94E-01	9.44E-01	1.09E+00	1.65E+00	N/A	1.99E-01
Spilker, Table 2	80	1500	400	1.85E+00	1.06E+00	1.28E+00	1.63E+00	2.84E+00	N/A	2.89E-01
Spilker, Table 2	80	3000	400	2.78E+00	1.57E+00	1.91E+00	2.73E+00	5.38E+00	N/A	4.31E-01
Spilker, Table 2	80	5000	400	4.00E+00	2.26E+00	2.70E+00	4.18E+00	8.77E+00	N/A	5.76E-01
Spilker, Table 2	80	7500	400	5.47E+00	3.10E+00	3.68E+00	5.99E+00	1.30E+01	N/A	7.23E-01
Spilker, Table 2	80	10000	400	7.10E+00	3.95E+00	4.65E+00	7.80E+00	1.72E+01	N/A	8.50E-01
Spilker, Table 2	100	240	400	1.11E+00	6.98E-01	8.07E-01	9.58E-01	1.14E+00	N/A	1.57E-01
Spilker, Table 2	100	400	400	1.45E+00	8.44E-01	1.02E+00	1.25E+00	1.61E+00	N/A	2.24E-01
Spilker, Table 2	100	800	400	2.25E+00	1.15E+00	1.46E+00	1.85E+00	2.77E+00	N/A	3.57E-01
Spilker, Table 2	100	1500	400	3.38E+00	1.65E+00	2.13E+00	2.82E+00	4.79E+00	N/A	5.38E-01
Spilker, Table 2	100	3000	400	5.41E+00	2.71E+00	3.53E+00	4.84E+00	9.13E+00	N/A	8.42E-01
Spilker, Table 2	100	5000	400	8.06E+00	4.11E+00	5.38E+00	7.54E+00	1.49E+01	N/A	1.17E+00
Spilker, Table 2	100	7500	400	1.12E+01	5.87E+00	7.68E+00	1.09E+01	2.21E+01	N/A	N/A
Spilker, Table 2	100	10000	400	1.45E+01	7.62E+00	9.98E+00	1.43E+01	2.94E+01	N/A	N/A
Spilker, Table 2	100	240	400	1.15E+00	6.98E-01	8.07E-01	9.58E-01	1.14E+00	N/A	1.57E-01
Spilker, Table 2	100	400	400	1.54E+00	8.44E-01	1.02E+00	1.25E+00	1.61E+00	N/A	2.24E-01
Spilker, Table 2	100	800	400	2.35E+00	1.15E+00	1.46E+00	1.85E+00	2.77E+00	N/A	3.57E-01
Spilker, Table 2	100	1500	400	3.48E+00	1.65E+00	2.13E+00	2.82E+00	4.79E+00	N/A	5.38E-01
Spilker, Table 2	100	3000	400	5.42E+00	2.71E+00	3.53E+00	4.84E+00	9.13E+00	N/A	8.42E-01
Spilker, Table 2	100	5000	400	8.23E+00	4.11E+00	5.38E+00	7.54E+00	1.49E+01	N/A	1.17E+00

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 2	100	7500	400	1.14E+01	5.87E+00	7.68E+00	1.09E+01	2.21E+01	N/A	N/A
Spilker, Table 2	100	10000	400	1.49E+01	7.62E+00	9.98E+00	1.43E+01	2.94E+01	N/A	N/A
Spilker, Table 2	120	240	400	1.95E+00	9.47E-01	1.17E+00	1.62E+00	1.74E+00	N/A	2.65E-01
Spilker, Table 2	120	400	400	2.62E+00	1.19E+00	1.53E+00	2.08E+00	2.48E+00	N/A	3.90E-01
Spilker, Table 2	120	800	400	3.91E+00	1.76E+00	2.37E+00	3.13E+00	4.33E+00	N/A	6.51E-01
Spilker, Table 2	120	1500	400	5.84E+00	2.73E+00	3.79E+00	4.89E+00	7.57E+00	N/A	1.03E+00
Spilker, Table 2	120	3000	400	8.43E+00	4.82E+00	6.81E+00	8.67E+00	1.45E+01	N/A	N/A
Spilker, Table 2	120	5000	400	9.97E+00	7.61E+00	1.08E+01	1.37E+01	2.38E+01	N/A	N/A
Spilker, Table 2	120	240	400	1.89E+00	9.47E-01	1.17E+00	1.62E+00	1.74E+00	N/A	2.65E-01
Spilker, Table 2	120	400	400	2.54E+00	1.19E+00	1.53E+00	2.08E+00	2.48E+00	N/A	3.90E-01
Spilker, Table 2	120	800	400	3.88E+00	1.76E+00	2.37E+00	3.13E+00	4.33E+00	N/A	6.51E-01
Spilker, Table 2	120	1500	400	6.05E+00	2.73E+00	3.79E+00	4.89E+00	7.57E+00	N/A	1.03E+00
Spilker, Table 2	120	3000	400	1.01E+01	4.82E+00	6.81E+00	8.67E+00	1.45E+01	N/A	N/A
Spilker, Table 2	120	5000	400	1.53E+01	7.61E+00	1.08E+01	1.37E+01	2.38E+01	N/A	N/A
Spilker, Table 2	120	7500	400	2.21E+01	1.11E+01	1.58E+01	2.00E+01	3.53E+01	N/A	N/A
Spilker, Table 2	120	10000	400	2.88E+01	1.46E+01	2.09E+01	2.63E+01	4.69E+01	N/A	N/A
Spilker, Table 2	150	240	400	3.88E+00	1.61E+00	2.19E+00	3.38E+00	2.87E+00	N/A	6.11E-01
Spilker, Table 2	150	400	400	5.35E+00	2.21E+00	3.15E+00	4.43E+00	4.26E+00	N/A	9.57E-01
Spilker, Table 2	150	800	400	8.38E+00	3.71E+00	5.55E+00	7.00E+00	7.75E+00	N/A	N/A
Spilker, Table 2	150	1500	400	1.29E+01	6.34E+00	9.72E+00	1.15E+01	1.39E+01	N/A	N/A
Spilker, Table 2	150	3000	400	2.36E+01	1.20E+01	1.86E+01	2.11E+01	2.70E+01	N/A	N/A
Spilker, Table 2	150	5000	400	3.79E+01	1.95E+01	3.05E+01	3.39E+01	4.44E+01	N/A	N/A
Spilker, Table 2	150	7500	400	5.82E+01	2.88E+01	4.54E+01	4.99E+01	6.62E+01	N/A	N/A
Spilker, Table 2	150	10000	400	8.75E+01	3.82E+01	6.03E+01	6.59E+01	8.80E+01	N/A	N/A
Spilker, Table 2	150	240	400	3.96E+00	1.61E+00	2.19E+00	3.38E+00	2.87E+00	N/A	6.11E-01
Spilker, Table 2	150	400	400	5.34E+00	2.21E+00	3.15E+00	4.43E+00	4.26E+00	N/A	9.57E-01
Spilker, Table 2	150	800	400	8.39E+00	3.71E+00	5.55E+00	7.00E+00	7.75E+00	N/A	N/A
Spilker, Table 2	150	1500	400	1.29E+01	6.34E+00	9.72E+00	1.15E+01	1.39E+01	N/A	N/A
Spilker, Table 2	150	3000	400	2.31E+01	1.20E+01	1.86E+01	2.11E+01	2.70E+01	N/A	N/A
Spilker, Table 2	150	5000	400	3.81E+01	1.95E+01	3.05E+01	3.39E+01	4.44E+01	N/A	N/A
Spilker, Table 2	150	7500	400	5.84E+01	2.88E+01	4.54E+01	4.99E+01	6.62E+01	N/A	N/A
Spilker, Table 2	150	10000	400	8.32E+01	3.82E+01	6.03E+01	6.59E+01	8.80E+01	N/A	N/A
Spilker, Table 3	80	240	375	1.30E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.60E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	2.30E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	3.00E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	80	3000	375	4.60E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	6.50E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	8.90E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	1.13E+00	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	80	240	375	1.60E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.90E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	2.70E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	3.10E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	4.40E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	6.30E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	9.00E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	1.12E+00	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	100	240	375	2.60E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	3.00E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	4.10E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	5.90E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	9.20E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	1.30E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.67E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	2.09E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	100	240	375	2.60E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	3.20E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	4.00E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	5.80E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	9.30E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	1.32E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.77E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	2.15E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	120	240	375	4.90E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	6.10E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	9.00E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.27E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	2.06E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	2.89E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	3.81E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	4.52E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	120	240	375	4.70E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	6.00E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	8.60E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.24E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	2.01E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	2.83E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	3.78E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	4.54E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	150	240	375	1.47E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	1.89E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.90E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	4.35E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	6.97E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	9.46E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	1.23E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.43E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 3	150	240	375	1.49E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	1.88E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.84E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	4.10E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	6.82E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	9.35E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	1.21E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.41E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 3	80	240	375	1.70E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	2.00E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	2.60E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	3.30E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	4.70E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	7.10E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	9.60E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	1.18E+00	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	80	240	375	1.70E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.50E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	2.40E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	3.10E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	80	3000	375	4.40E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	6.90E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	9.30E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	1.15E+00	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	100	240	375	2.70E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	3.20E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	4.60E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	6.50E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	9.80E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	1.45E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.91E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	2.39E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	100	240	375	2.60E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	3.20E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	4.30E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	6.60E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	9.60E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	1.50E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.96E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	2.40E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	120	240	375	5.40E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	6.40E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	9.60E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.36E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	2.18E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	3.16E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	4.19E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	5.20E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	120	240	375	5.10E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	6.20E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	9.10E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.31E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	2.07E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	3.20E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	4.20E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	5.11E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	150	240	375	1.62E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	2.08E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.98E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	4.38E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	6.97E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	9.72E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	1.29E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.55E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 3	150	240	375	1.59E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	2.02E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.86E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	4.24E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	6.73E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	9.88E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	1.28E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.56E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 3	80	240	375	1.40E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.50E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	2.10E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	2.70E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	3.90E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	4.90E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	7.40E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	9.10E-01	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	80	240	375	1.10E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.40E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	1.80E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	2.50E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	3.80E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	4.60E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	7.10E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	8.70E-01	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	100	240	375	2.30E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	2.80E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	4.00E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	5.30E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	100	3000	375	7.90E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	1.03E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.44E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	1.93E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	100	240	375	1.90E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	2.40E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	3.40E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	4.50E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	7.00E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	9.00E-01	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.31E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	1.67E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	120	240	375	4.20E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	5.40E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	8.10E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.12E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	1.65E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	2.27E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	3.25E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	4.04E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	120	240	375	3.90E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	5.10E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	7.40E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.02E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	1.59E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	2.06E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	2.96E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	3.78E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	150	240	375	1.45E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	1.85E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.82E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	3.82E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	5.44E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	7.50E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	1.03E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.29E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	150	240	375	1.27E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	1.61E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.35E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	3.21E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	4.92E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	6.37E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	8.58E+00	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.09E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 3	80	240	375	1.40E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.60E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	2.10E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	2.70E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	4.10E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	5.60E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	8.10E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	1.00E+00	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	80	240	375	1.40E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.60E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	2.10E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	2.70E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	4.00E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	5.30E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	7.80E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	9.50E-01	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	100	240	375	2.50E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	2.90E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	4.20E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	5.50E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	7.90E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	1.13E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.60E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	2.06E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	100	240	375	2.40E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	2.70E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	4.00E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	5.40E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	100	3000	375	7.80E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	1.07E+00	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.49E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	1.90E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	120	240	375	5.50E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	6.50E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	9.40E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.29E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	1.72E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	2.55E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	3.57E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	4.37E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	120	240	375	4.80E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	5.70E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	7.80E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	1.06E+00	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	1.57E+00	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	2.14E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	2.97E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	3.65E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	150	240	375	1.72E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	2.04E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.88E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	3.86E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	5.43E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	7.80E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	1.05E+01	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.28E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 3	150	240	375	1.50E+00	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	1.78E+00	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	2.49E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	3.38E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	4.96E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	6.72E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	8.62E+00	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	1.07E+01	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	80	240	375	1.10E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.20E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	1.80E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	2.20E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	3.20E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	4.80E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	6.60E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	8.40E-01	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	80	240	375	1.00E-01	2.14E-01	1.43E-01	2.26E-01	2.32E-01	N/A	6.35E-02
Spilker, Table 3	80	400	375	1.00E-01	2.62E-01	2.18E-01	2.94E-01	3.12E-01	N/A	8.45E-02
Spilker, Table 3	80	800	375	1.60E-01	3.40E-01	3.61E-01	4.17E-01	4.95E-01	N/A	1.21E-01
Spilker, Table 3	80	1500	375	2.00E-01	4.28E-01	5.30E-01	5.74E-01	8.00E-01	N/A	1.64E-01
Spilker, Table 3	80	3000	375	2.80E-01	5.54E-01	7.55E-01	8.49E-01	1.45E+00	N/A	2.25E-01
Spilker, Table 3	80	5000	375	4.20E-01	6.84E-01	9.59E-01	1.19E+00	2.30E+00	N/A	2.81E-01
Spilker, Table 3	80	7500	375	5.50E-01	8.29E-01	1.17E+00	1.60E+00	3.38E+00	N/A	3.33E-01
Spilker, Table 3	80	10000	375	7.40E-01	9.66E-01	1.35E+00	2.02E+00	4.45E+00	N/A	3.75E-01
Spilker, Table 3	100	240	375	1.70E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	2.00E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	2.70E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	3.60E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	5.20E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	7.80E-01	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	1.06E+00	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	1.37E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	100	240	375	1.70E-01	3.02E-01	2.84E-01	4.21E-01	3.43E-01	7.25E-01	9.93E-02
Spilker, Table 3	100	400	375	1.90E-01	3.65E-01	4.03E-01	5.31E-01	4.70E-01	9.50E-01	1.33E-01
Spilker, Table 3	100	800	375	2.50E-01	4.68E-01	6.00E-01	7.21E-01	7.70E-01	1.37E+00	1.94E-01
Spilker, Table 3	100	1500	375	3.40E-01	5.88E-01	8.16E-01	9.72E-01	1.28E+00	1.91E+00	2.67E-01
Spilker, Table 3	100	3000	375	5.00E-01	7.83E-01	1.13E+00	1.45E+00	2.38E+00	2.76E+00	3.73E-01
Spilker, Table 3	100	5000	375	7.20E-01	1.01E+00	1.48E+00	2.06E+00	3.84E+00	3.61E+00	4.72E-01
Spilker, Table 3	100	7500	375	9.50E-01	1.28E+00	1.88E+00	2.82E+00	5.66E+00	4.47E+00	5.66E-01
Spilker, Table 3	100	10000	375	1.22E+00	1.55E+00	2.27E+00	3.59E+00	7.48E+00	5.21E+00	6.42E-01
Spilker, Table 3	120	240	375	2.80E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	3.30E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	4.70E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	6.20E-01	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Spilker, Table 3	120	3000	375	9.40E-01	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	1.34E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	1.79E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	2.34E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	120	240	375	2.70E-01	4.11E-01	4.73E-01	7.53E-01	5.00E-01	1.11E+00	1.53E-01
Spilker, Table 3	120	400	375	3.20E-01	4.92E-01	6.25E-01	9.17E-01	6.94E-01	1.51E+00	2.08E-01
Spilker, Table 3	120	800	375	4.50E-01	6.29E-01	8.72E-01	1.21E+00	1.16E+00	2.29E+00	3.08E-01
Spilker, Table 3	120	1500	375	6.10E-01	8.10E-01	1.18E+00	1.62E+00	1.98E+00	3.35E+00	4.31E-01
Spilker, Table 3	120	3000	375	9.00E-01	1.14E+00	1.72E+00	2.47E+00	3.72E+00	5.10E+00	6.15E-01
Spilker, Table 3	120	5000	375	1.27E+00	1.57E+00	2.39E+00	3.60E+00	6.05E+00	6.95E+00	7.91E-01
Spilker, Table 3	120	7500	375	1.69E+00	2.09E+00	3.22E+00	5.00E+00	8.96E+00	8.89E+00	9.63E-01
Spilker, Table 3	120	10000	375	2.13E+00	2.62E+00	4.04E+00	6.41E+00	1.19E+01	1.06E+01	1.10E+00
Spilker, Table 3	150	240	375	6.70E-01	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	8.00E-01	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	1.12E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	1.58E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	2.17E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	3.19E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	4.22E+00	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	5.29E+00	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Spilker, Table 3	150	240	375	6.70E-01	6.27E-01	8.20E-01	1.65E+00	8.76E-01	N/A	2.94E-01
Spilker, Table 3	150	400	375	8.00E-01	7.53E-01	1.04E+00	1.93E+00	1.23E+00	N/A	4.09E-01
Spilker, Table 3	150	800	375	1.10E+00	1.01E+00	1.48E+00	2.52E+00	2.10E+00	N/A	6.26E-01
Spilker, Table 3	150	1500	375	1.54E+00	1.41E+00	2.18E+00	3.51E+00	3.63E+00	N/A	9.07E-01
Spilker, Table 3	150	3000	375	2.35E+00	2.24E+00	3.63E+00	5.62E+00	6.90E+00	N/A	1.35E+00
Spilker, Table 3	150	5000	375	3.31E+00	3.35E+00	5.54E+00	8.43E+00	1.13E+01	N/A	N/A
Spilker, Table 3	150	7500	375	4.18E+00	4.73E+00	7.93E+00	1.19E+01	1.67E+01	N/A	N/A
Spilker, Table 3	150	10000	375	5.23E+00	6.12E+00	1.03E+01	1.55E+01	2.22E+01	N/A	N/A
Matsuo	118	50	360	1.20E-01	1.15E-01	4.95E-02	1.88E-01	1.12E-01	2.93E-01	4.08E-02
Matsuo	118	50	360	1.50E-01	1.15E-01	4.95E-02	1.88E-01	1.12E-01	2.93E-01	4.08E-02
Matsuo	118	50	360	1.70E-01	1.15E-01	4.95E-02	1.88E-01	1.12E-01	2.93E-01	4.08E-02
Matsuo	118	120	360	1.60E-01	1.69E-01	1.11E-01	2.93E-01	1.70E-01	4.57E-01	7.31E-02
Matsuo	118	120	360	2.10E-01	1.69E-01	1.11E-01	2.93E-01	1.70E-01	4.57E-01	7.31E-02
Matsuo	118	120	360	2.40E-01	1.69E-01	1.11E-01	2.93E-01	1.70E-01	4.57E-01	7.31E-02
Matsuo	118	240	360	2.10E-01	2.24E-01	2.00E-01	3.99E-01	2.45E-01	6.51E-01	1.09E-01
Matsuo	118	240	360	2.70E-01	2.24E-01	2.00E-01	3.99E-01	2.45E-01	6.51E-01	1.09E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Matsuo	118	240	360	2.70E-01	2.24E-01	2.00E-01	3.99E-01	2.45E-01	6.51E-01	1.09E-01
Matsuo	118	480	360	3.00E-01	2.94E-01	3.36E-01	5.25E-01	3.70E-01	9.26E-01	1.57E-01
Matsuo	118	480	360	3.30E-01	2.94E-01	3.36E-01	5.25E-01	3.70E-01	9.26E-01	1.57E-01
Matsuo	118	480	360	3.30E-01	2.94E-01	3.36E-01	5.25E-01	3.70E-01	9.26E-01	1.57E-01
Matsuo	118	960	360	3.30E-01	3.80E-01	5.17E-01	6.79E-01	6.01E-01	1.32E+00	2.20E-01
Matsuo	118	960	360	4.00E-01	3.80E-01	5.17E-01	6.79E-01	6.01E-01	1.32E+00	2.20E-01
Matsuo	118	960	360	4.40E-01	3.80E-01	5.17E-01	6.79E-01	6.01E-01	1.32E+00	2.20E-01
Matsuo	118	1920	360	4.50E-01	4.90E-01	7.39E-01	9.02E-01	1.05E+00	1.88E+00	2.99E-01
Matsuo	118	1920	360	5.50E-01	4.90E-01	7.39E-01	9.02E-01	1.05E+00	1.88E+00	2.99E-01
Matsuo	118	1920	360	5.90E-01	4.90E-01	7.39E-01	9.02E-01	1.05E+00	1.88E+00	2.99E-01
Matsuo	118	3000	360	5.00E-01	5.81E-01	9.10E-01	1.13E+00	1.55E+00	2.35E+00	3.61E-01
Matsuo	118	3000	360	6.30E-01	5.81E-01	9.10E-01	1.13E+00	1.55E+00	2.35E+00	3.61E-01
Matsuo	118	3000	360	6.40E-01	5.81E-01	9.10E-01	1.13E+00	1.55E+00	2.35E+00	3.61E-01
Matsuo	157	50	360	2.50E-01	2.24E-01	1.71E-01	7.11E-01	2.05E-01	N/A	8.26E-02
Matsuo	157	50	360	2.50E-01	2.24E-01	1.71E-01	7.11E-01	2.05E-01	N/A	8.26E-02
Matsuo	157	50	360	2.80E-01	2.24E-01	1.71E-01	7.11E-01	2.05E-01	N/A	8.26E-02
Matsuo	157	120	360	3.50E-01	3.15E-01	3.34E-01	9.86E-01	3.10E-01	N/A	1.51E-01
Matsuo	157	120	360	3.50E-01	3.15E-01	3.34E-01	9.86E-01	3.10E-01	N/A	1.51E-01
Matsuo	157	120	360	3.80E-01	3.15E-01	3.34E-01	9.86E-01	3.10E-01	N/A	1.51E-01
Matsuo	157	240	360	4.40E-01	4.06E-01	5.14E-01	1.21E+00	4.53E-01	N/A	2.30E-01
Matsuo	157	240	360	4.60E-01	4.06E-01	5.14E-01	1.21E+00	4.53E-01	N/A	2.30E-01
Matsuo	157	240	360	5.00E-01	4.06E-01	5.14E-01	1.21E+00	4.53E-01	N/A	2.30E-01
Matsuo	157	480	360	5.50E-01	5.18E-01	7.35E-01	1.44E+00	7.12E-01	N/A	3.38E-01
Matsuo	157	480	360	6.00E-01	5.18E-01	7.35E-01	1.44E+00	7.12E-01	N/A	3.38E-01
Matsuo	157	480	360	6.20E-01	5.18E-01	7.35E-01	1.44E+00	7.12E-01	N/A	3.38E-01
Matsuo	157	960	360	7.40E-01	6.66E-01	1.02E+00	1.79E+00	1.21E+00	N/A	4.82E-01
Matsuo	157	960	360	8.00E-01	6.66E-01	1.02E+00	1.79E+00	1.21E+00	N/A	4.82E-01
Matsuo	157	960	360	8.00E-01	6.66E-01	1.02E+00	1.79E+00	1.21E+00	N/A	4.82E-01
Matsuo	157	1920	360	8.00E-01	8.94E-01	1.44E+00	2.43E+00	2.21E+00	N/A	6.71E-01
Matsuo	157	1920	360	9.70E-01	8.94E-01	1.44E+00	2.43E+00	2.21E+00	N/A	6.71E-01
Matsuo	157	1920	360	1.00E+00	8.94E-01	1.44E+00	2.43E+00	2.21E+00	N/A	6.71E-01
Matsuo	196	50	360	4.00E-01	4.04E-01	4.37E-01	2.28E+00	4.00E-01	N/A	1.70E-01
Matsuo	196	50	360	4.20E-01	4.04E-01	4.37E-01	2.28E+00	4.00E-01	N/A	1.70E-01
Matsuo	196	50	360	4.60E-01	4.04E-01	4.37E-01	2.28E+00	4.00E-01	N/A	1.70E-01
Matsuo	196	120	360	6.00E-01	5.45E-01	7.02E-01	2.74E+00	5.90E-01	N/A	3.21E-01
Matsuo	196	120	360	6.20E-01	5.45E-01	7.02E-01	2.74E+00	5.90E-01	N/A	3.21E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Matsuo	196	120	360	6.30E-01	5.45E-01	7.02E-01	2.74E+00	5.90E-01	N/A	3.21E-01
Matsuo	196	240	360	7.40E-01	6.90E-01	9.72E-01	3.08E+00	8.64E-01	N/A	5.01E-01
Matsuo	196	240	360	8.00E-01	6.90E-01	9.72E-01	3.08E+00	8.64E-01	N/A	5.01E-01
Matsuo	196	240	360	8.50E-01	6.90E-01	9.72E-01	3.08E+00	8.64E-01	N/A	5.01E-01
Matsuo	196	480	360	9.80E-01	8.98E-01	1.37E+00	3.61E+00	1.39E+00	N/A	7.57E-01
Matsuo	196	480	360	1.00E+00	8.98E-01	1.37E+00	3.61E+00	1.39E+00	N/A	7.57E-01
Matsuo	196	480	360	1.10E+00	8.98E-01	1.37E+00	3.61E+00	1.39E+00	N/A	7.57E-01
Matsuo	196	960	360	1.30E+00	1.25E+00	2.07E+00	4.64E+00	2.42E+00	N/A	1.11E+00
Matsuo	196	960	360	1.30E+00	1.25E+00	2.07E+00	4.64E+00	2.42E+00	N/A	1.11E+00
Matsuo	196	960	360	1.40E+00	1.25E+00	2.07E+00	4.64E+00	2.42E+00	N/A	1.11E+00
Matsuo	235	50	360	5.00E-01	6.80E-01	8.40E-01	5.99E+00	7.66E-01	N/A	3.75E-01
Matsuo	235	50	360	5.30E-01	6.80E-01	8.40E-01	5.99E+00	7.66E-01	N/A	3.75E-01
Matsuo	235	50	360	6.00E-01	6.80E-01	8.40E-01	5.99E+00	7.66E-01	N/A	3.75E-01
Matsuo	235	120	360	7.50E-01	9.14E-01	1.28E+00	6.59E+00	1.11E+00	N/A	7.39E-01
Matsuo	235	120	360	8.00E-01	9.14E-01	1.28E+00	6.59E+00	1.11E+00	N/A	7.39E-01
Matsuo	235	120	360	8.20E-01	9.14E-01	1.28E+00	6.59E+00	1.11E+00	N/A	7.39E-01
Matsuo	235	240	360	1.20E+00	1.22E+00	1.90E+00	7.44E+00	1.64E+00	N/A	1.20E+00
Matsuo	235	240	360	1.20E+00	1.22E+00	1.90E+00	7.44E+00	1.64E+00	N/A	1.20E+00
Matsuo	235	240	360	1.20E+00	1.22E+00	1.90E+00	7.44E+00	1.64E+00	N/A	1.20E+00
Matsuo	235	480	360	1.70E+00	1.79E+00	3.08E+00	9.11E+00	2.67E+00	N/A	N/A
Matsuo	235	480	360	1.70E+00	1.79E+00	3.08E+00	9.11E+00	2.67E+00	N/A	N/A
Matsuo	235	480	360	1.80E+00	1.79E+00	3.08E+00	9.11E+00	2.67E+00	N/A	N/A
Matsuo	275	50	360	9.30E-01	1.15E+00	1.59E+00	1.43E+01	1.18E+00	N/A	9.79E-01
Matsuo	275	50	360	9.70E-01	1.15E+00	1.59E+00	1.43E+01	1.18E+00	N/A	9.79E-01
Matsuo	275	50	360	1.00E+00	1.15E+00	1.59E+00	1.43E+01	1.18E+00	N/A	9.79E-01
Matsuo	275	120	360	1.70E+00	1.73E+00	2.83E+00	1.59E+01	1.80E+00	N/A	N/A
Matsuo	275	120	360	1.70E+00	1.73E+00	2.83E+00	1.59E+01	1.80E+00	N/A	N/A
Matsuo	275	120	360	1.70E+00	1.73E+00	2.83E+00	1.59E+01	1.80E+00	N/A	N/A
Matsuo	275	240	360	2.50E+00	2.69E+00	4.90E+00	1.87E+01	2.84E+00	N/A	N/A
Matsuo	275	240	360	2.50E+00	2.69E+00	4.90E+00	1.87E+01	2.84E+00	N/A	N/A
Matsuo	275	240	360	2.50E+00	2.69E+00	4.90E+00	1.87E+01	2.84E+00	N/A	N/A
Matsuo	275	480	360	3.90E+00	4.61E+00	9.02E+00	2.43E+01	4.91E+00	N/A	N/A
Matsuo	275	480	360	3.90E+00	4.61E+00	9.02E+00	2.43E+01	4.91E+00	N/A	N/A
Matsuo	275	480	360	4.20E+00	4.61E+00	9.02E+00	2.43E+01	4.91E+00	N/A	N/A
Mayuzumi	54.9	420	352.85	7.00E-02	6.06E-02	1.41E-02	4.54E-02	7.94E-02	N/A	N/A
Mayuzumi	54.9	800	352.85	1.10E-01	8.16E-02	2.65E-02	6.63E-02	1.11E-01	N/A	N/A

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Mayuzumi	54.9	1600	352.85	1.50E-01	1.11E-01	5.16E-02	9.85E-02	1.65E-01	N/A	N/A
Mayuzumi	54.9	3200	352.85	2.00E-01	1.50E-01	9.82E-02	1.46E-01	2.58E-01	N/A	N/A
Mayuzumi	54.9	4800	352.85	2.40E-01	1.78E-01	1.40E-01	1.85E-01	3.44E-01	N/A	N/A
Mayuzumi	54.9	6400	352.85	3.00E-01	2.00E-01	1.79E-01	2.21E-01	4.27E-01	N/A	N/A
Mayuzumi	54.9	7400	352.85	3.10E-01	2.12E-01	2.01E-01	2.42E-01	4.79E-01	N/A	N/A
Mayuzumi	82.6	210	352.85	7.00E-02	8.11E-02	2.88E-02	8.13E-02	9.69E-02	2.70E-01	4.56E-02
Mayuzumi	82.6	420	352.85	1.10E-01	1.11E-01	5.59E-02	1.18E-01	1.39E-01	3.46E-01	6.42E-02
Mayuzumi	82.6	800	352.85	1.80E-01	1.47E-01	1.01E-01	1.64E-01	2.00E-01	4.35E-01	8.57E-02
Mayuzumi	82.6	1600	352.85	2.40E-01	1.96E-01	1.84E-01	2.29E-01	3.12E-01	5.58E-01	1.14E-01
Mayuzumi	82.6	3200	352.85	3.20E-01	2.58E-01	3.13E-01	3.21E-01	5.19E-01	7.14E-01	1.48E-01
Mayuzumi	82.6	4800	352.85	3.90E-01	3.01E-01	4.10E-01	4.00E-01	7.22E-01	8.25E-01	1.71E-01
Mayuzumi	82.6	6400	352.85	4.60E-01	3.37E-01	4.89E-01	4.74E-01	9.22E-01	9.15E-01	1.89E-01
Mayuzumi	82.6	7400	352.85	4.90E-01	3.56E-01	5.31E-01	5.19E-01	1.05E+00	9.63E-01	1.98E-01
Mayuzumi	97.1	420	352.85	1.80E-01	1.45E-01	9.89E-02	1.90E-01	1.78E-01	4.49E-01	8.55E-02
Mayuzumi	97.1	800	352.85	2.60E-01	1.91E-01	1.73E-01	2.55E-01	2.61E-01	5.81E-01	1.14E-01
Mayuzumi	97.1	1600	352.85	3.50E-01	2.51E-01	2.97E-01	3.45E-01	4.17E-01	7.67E-01	1.53E-01
Mayuzumi	97.1	3200	352.85	4.60E-01	3.28E-01	4.67E-01	4.75E-01	7.16E-01	1.01E+00	1.99E-01
Mayuzumi	97.1	4800	352.85	5.50E-01	3.82E-01	5.86E-01	5.90E-01	1.01E+00	1.19E+00	2.31E-01
Mayuzumi	97.1	6400	352.85	6.40E-01	4.26E-01	6.79E-01	7.01E-01	1.30E+00	1.34E+00	2.55E-01
Mayuzumi	97.1	7400	352.85	6.80E-01	4.51E-01	7.29E-01	7.69E-01	1.49E+00	1.42E+00	2.68E-01
Mayuzumi	114	50	352.85	1.20E-01	7.66E-02	2.47E-02	1.15E-01	7.88E-02	2.38E-01	3.47E-02
Mayuzumi	114	210	352.85	2.20E-01	1.46E-01	9.61E-02	2.39E-01	1.59E-01	4.57E-01	8.29E-02
Mayuzumi	114	420	352.85	3.00E-01	1.95E-01	1.75E-01	3.23E-01	2.33E-01	6.27E-01	1.18E-01
Mayuzumi	114	800	352.85	4.00E-01	2.52E-01	2.90E-01	4.16E-01	3.49E-01	8.41E-01	1.58E-01
Mayuzumi	114	1600	352.85	5.30E-01	3.28E-01	4.58E-01	5.42E-01	5.76E-01	1.15E+00	2.12E-01
Mayuzumi	114	3200	352.85	7.00E-01	4.25E-01	6.68E-01	7.39E-01	1.02E+00	1.58E+00	2.78E-01
Mayuzumi	114	4800	352.85	8.30E-01	4.97E-01	8.11E-01	9.23E-01	1.46E+00	1.90E+00	3.22E-01
Mayuzumi	114	6400	352.85	9.60E-01	5.58E-01	9.27E-01	1.10E+00	1.89E+00	2.17E+00	3.57E-01
Mayuzumi	114	7400	352.85	1.03E+00	5.93E-01	9.92E-01	1.22E+00	2.17E+00	2.32E+00	3.76E-01
Mayuzumi	59.7	50	401.85	1.40E-01	2.10E-01	7.82E-02	1.20E-01	1.95E-01	N/A	N/A
Mayuzumi	59.7	100	401.85	2.90E-01	2.77E-01	1.45E-01	1.85E-01	2.69E-01	N/A	N/A
Mayuzumi	59.7	200	401.85	3.60E-01	3.60E-01	2.54E-01	2.84E-01	3.87E-01	N/A	N/A
Mayuzumi	59.7	400	401.85	5.00E-01	4.60E-01	4.11E-01	4.33E-01	5.94E-01	N/A	N/A
Mayuzumi	59.7	600	401.85	5.70E-01	5.30E-01	5.23E-01	5.57E-01	7.92E-01	N/A	N/A
Mayuzumi	59.7	800	401.85	6.40E-01	5.87E-01	6.11E-01	6.67E-01	9.88E-01	N/A	N/A
Mayuzumi	59.7	1000	401.85	7.10E-01	6.36E-01	6.84E-01	7.70E-01	1.18E+00	N/A	N/A

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Mayuzumi	59.7	1200	401.85	8.60E-01	6.82E-01	7.47E-01	8.69E-01	1.38E+00	N/A	N/A
Mayuzumi	59.7	1600	401.85	9.30E-01	7.65E-01	8.55E-01	1.06E+00	1.77E+00	N/A	N/A
Mayuzumi	59.7	2000	401.85	1.07E+00	8.42E-01	9.49E-01	1.24E+00	2.15E+00	N/A	N/A
Mayuzumi	88.5	50	401.85	2.90E-01	3.61E-01	2.61E-01	3.09E-01	4.40E-01	N/A	N/A
Mayuzumi	88.5	100	401.85	5.00E-01	4.62E-01	4.20E-01	4.58E-01	5.93E-01	N/A	N/A
Mayuzumi	88.5	200	401.85	6.40E-01	5.85E-01	6.21E-01	6.69E-01	8.49E-01	N/A	N/A
Mayuzumi	88.5	400	401.85	9.30E-01	7.45E-01	8.67E-01	9.76E-01	1.33E+00	N/A	N/A
Mayuzumi	88.5	600	401.85	1.14E+00	8.74E-01	1.05E+00	1.23E+00	1.81E+00	N/A	N/A
Mayuzumi	88.5	800	401.85	1.43E+00	9.92E-01	1.21E+00	1.46E+00	2.28E+00	N/A	N/A
Mayuzumi	88.5	1000	401.85	1.57E+00	1.10E+00	1.35E+00	1.69E+00	2.75E+00	N/A	N/A
Mayuzumi	88.5	1200	401.85	1.79E+00	1.21E+00	1.50E+00	1.91E+00	3.23E+00	N/A	N/A
Mayuzumi	88.5	1600	401.85	2.14E+00	1.43E+00	1.77E+00	2.33E+00	4.18E+00	N/A	N/A
Mayuzumi	88.5	2000	401.85	2.43E+00	1.65E+00	2.04E+00	2.76E+00	5.12E+00	N/A	N/A
Mayuzumi	104	50	401.85	4.30E-01	4.62E-01	4.08E-01	5.04E-01	6.44E-01	N/A	N/A
Mayuzumi	104	100	401.85	6.40E-01	5.83E-01	6.07E-01	7.25E-01	8.56E-01	N/A	N/A
Mayuzumi	104	200	401.85	8.60E-01	7.37E-01	8.48E-01	1.03E+00	1.22E+00	N/A	N/A
Mayuzumi	104	400	401.85	1.21E+00	9.62E-01	1.18E+00	1.47E+00	1.93E+00	N/A	N/A
Mayuzumi	104	600	401.85	1.64E+00	1.16E+00	1.46E+00	1.85E+00	2.64E+00	N/A	N/A
Mayuzumi	104	800	401.85	1.93E+00	1.35E+00	1.72E+00	2.21E+00	3.34E+00	N/A	N/A
Mayuzumi	104	1000	401.85	2.21E+00	1.54E+00	1.98E+00	2.56E+00	4.04E+00	N/A	N/A
Mayuzumi	104	1200	401.85	2.50E+00	1.72E+00	2.23E+00	2.90E+00	4.75E+00	N/A	N/A
Mayuzumi	104	1600	401.85	3.00E+00	2.09E+00	2.73E+00	3.58E+00	6.15E+00	N/A	N/A
Mayuzumi	104	2000	401.85	3.57E+00	2.47E+00	3.23E+00	4.26E+00	7.56E+00	N/A	N/A
Mayuzumi	121	50	401.85	7.10E-01	5.91E-01	5.96E-01	8.40E-01	8.83E-01	N/A	N/A
Mayuzumi	121	100	401.85	1.00E+00	7.42E-01	8.35E-01	1.17E+00	1.18E+00	N/A	N/A
Mayuzumi	121	200	401.85	1.43E+00	9.53E-01	1.16E+00	1.61E+00	1.71E+00	N/A	N/A
Mayuzumi	121	400	401.85	2.14E+00	1.31E+00	1.69E+00	2.27E+00	2.76E+00	N/A	N/A
Mayuzumi	121	600	401.85	2.86E+00	1.64E+00	2.18E+00	2.88E+00	3.80E+00	N/A	N/A
Mayuzumi	121	800	401.85	3.43E+00	1.97E+00	2.66E+00	3.46E+00	4.84E+00	N/A	N/A
Mayuzumi	121	1000	401.85	4.00E+00	2.30E+00	3.15E+00	4.04E+00	5.89E+00	N/A	N/A
Mayuzumi	121	1200	401.85	4.64E+00	2.63E+00	3.62E+00	4.62E+00	6.93E+00	N/A	N/A
Mayuzumi	121	1600	401.85	5.60E+00	3.29E+00	4.58E+00	5.78E+00	9.02E+00	N/A	N/A
Mayuzumi	121	2000	401.85	6.86E+00	3.95E+00	5.53E+00	6.93E+00	1.11E+01	N/A	N/A
Limback	80	120	385	2.50E-01	2.38E-01	1.48E-01	2.27E-01	2.42E-01	N/A	4.73E-02
Limback	80	240	385	3.50E-01	3.12E-01	2.59E-01	3.31E-01	3.52E-01	N/A	7.37E-02
Limback	80	360	385	5.00E-01	3.62E-01	3.46E-01	4.09E-01	4.50E-01	N/A	9.38E-02

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)	Matsuo's Creep Strain (%)	Murty's Creep Strain (%)	Mayuzumi's Creep Strain (%)	Limback's Creep Strain (%)	Spilker's Creep Strain (%)	Peehs' Creep Strain (%)
Limback	80	480	385	5.50E-01	4.02E-01	4.18E-01	4.75E-01	5.45E-01	N/A	1.11E-01
Limback	120	120	385	5.50E-01	4.56E-01	4.87E-01	7.80E-01	5.63E-01	9.81E-01	1.16E-01
Limback	120	240	385	9.50E-01	5.77E-01	7.02E-01	1.04E+00	8.26E-01	1.56E+00	1.89E-01
Limback	120	360	385	1.25E+00	6.64E-01	8.50E-01	1.23E+00	1.08E+00	2.04E+00	2.47E-01
Limback	120	480	385	1.45E+00	7.38E-01	9.72E-01	1.38E+00	1.32E+00	2.48E+00	2.97E-01
Limback	120	120	330	7.00E-02	4.09E-02	1.11E-02	5.96E-02	5.30E-02	2.27E-01	4.73E-02
Limback	120	240	330	1.00E-01	5.68E-02	2.20E-02	8.55E-02	7.47E-02	2.92E-01	6.60E-02
Limback	120	360	330	1.20E-01	6.86E-02	3.27E-02	1.04E-01	9.17E-02	3.38E-01	7.86E-02
Limback	120	480	330	1.10E-01	7.83E-02	4.31E-02	1.19E-01	1.06E-01	3.75E-01	8.83E-02
Limback	120	600	330	1.40E-01	8.66E-02	5.33E-02	1.31E-01	1.20E-01	4.06E-01	9.63E-02
Limback	120	720	330	1.40E-01	9.41E-02	6.33E-02	1.42E-01	1.33E-01	4.34E-01	1.03E-01
Limback	120	960	330	2.10E-01	1.07E-01	8.26E-02	1.59E-01	1.56E-01	4.82E-01	1.14E-01
Limback	120	120	360	2.60E-01	1.74E-01	1.18E-01	3.13E-01	1.75E-01	4.74E-01	7.59E-02
Limback	120	240	360	3.20E-01	2.32E-01	2.12E-01	4.25E-01	2.52E-01	6.78E-01	1.14E-01
Limback	120	360	360	4.20E-01	2.72E-01	2.89E-01	4.99E-01	3.20E-01	8.36E-01	1.41E-01
Limback	120	480	360	5.00E-01	3.03E-01	3.53E-01	5.56E-01	3.83E-01	9.69E-01	1.64E-01
Limback	120	120	400	1.25E+00	7.35E-01	8.41E-01	1.18E+00	1.17E+00	N/A	1.54E-01
Limback	120	240	400	2.00E+00	9.47E-01	1.17E+00	1.62E+00	1.74E+00	N/A	2.65E-01
Limback	120	360	400	2.70E+00	1.13E+00	1.44E+00	1.97E+00	2.29E+00	N/A	3.61E-01
Limback	120	480	400	3.50E+00	1.30E+00	1.70E+00	2.30E+00	2.85E+00	N/A	4.47E-01

Table I-2. Restricted Set of Experimental Points

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 2	80	240	250	6.00E-02
Spilker, Table 2	80	400	250	6.00E-02
Spilker, Table 2	80	800	250	7.00E-02
Spilker, Table 2	80	1500	250	7.00E-02
Spilker, Table 2	80	3000	250	6.00E-02
Spilker, Table 2	80	5000	250	7.00E-02
Spilker, Table 2	80	7500	250	8.00E-02
Spilker, Table 2	80	10000	250	1.30E-01
Spilker, Table 2	80	240	250	6.00E-02
Spilker, Table 2	80	400	250	6.00E-02
Spilker, Table 2	80	800	250	7.00E-02
Spilker, Table 2	80	1500	250	7.00E-02
Spilker, Table 2	80	3000	250	6.00E-02
Spilker, Table 2	80	5000	250	6.00E-02
Spilker, Table 2	80	7500	250	1.10E-01
Spilker, Table 2	80	10000	250	1.30E-01
Spilker, Table 2	100	240	250	9.00E-02
Spilker, Table 2	100	400	250	9.00E-02
Spilker, Table 2	100	800	250	7.00E-02
Spilker, Table 2	100	1500	250	8.00E-02
Spilker, Table 2	100	3000	250	8.00E-02
Spilker, Table 2	100	5000	250	8.00E-02
Spilker, Table 2	100	7500	250	8.00E-02
Spilker, Table 2	100	10000	250	1.20E-01
Spilker, Table 2	100	240	250	6.00E-02
Spilker, Table 2	100	400	250	8.00E-02
Spilker, Table 2	100	800	250	9.00E-02
Spilker, Table 2	100	1500	250	7.00E-02
Spilker, Table 2	100	3000	250	7.00E-02
Spilker, Table 2	100	5000	250	7.00E-02
Spilker, Table 2	100	7500	250	8.00E-02
Spilker, Table 2	100	10000	250	1.60E-01
Spilker, Table 2	120	240	250	9.00E-02
Spilker, Table 2	120	400	250	9.00E-02
Spilker, Table 2	120	800	250	9.00E-02
Spilker, Table 2	120	1500	250	7.00E-02
Spilker, Table 2	120	3000	250	8.00E-02
Spilker, Table 2	120	5000	250	8.00E-02
Spilker, Table 2	120	7500	250	1.10E-01
Spilker, Table 2	120	10000	250	1.40E-01
Spilker, Table 2	120	240	250	8.00E-02
Spilker, Table 2	120	400	250	8.00E-02
Spilker, Table 2	120	800	250	9.00E-02
Spilker, Table 2	120	1500	250	9.00E-02
Spilker, Table 2	120	3000	250	7.00E-02
Spilker, Table 2	120	5000	250	9.00E-02
Spilker, Table 2	120	7500	250	1.10E-01
Spilker, Table 2	120	10000	250	1.50E-01
Spilker, Table 2	80	240	300	6.00E-02
Spilker, Table 2	80	400	300	8.00E-02

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 2	80	800	300	8.00E-02
Spilker, Table 2	80	1500	300	1.10E-01
Spilker, Table 2	80	3000	300	9.00E-02
Spilker, Table 2	80	5000	300	1.10E-01
Spilker, Table 2	80	7500	300	1.90E-01
Spilker, Table 2	80	10000	300	2.30E-01
Spilker, Table 2	80	240	300	7.00E-02
Spilker, Table 2	80	400	300	7.00E-02
Spilker, Table 2	80	800	300	9.00E-02
Spilker, Table 2	80	1500	300	1.00E-01
Spilker, Table 2	80	3000	300	9.00E-02
Spilker, Table 2	80	5000	300	1.20E-01
Spilker, Table 2	80	7500	300	1.60E-01
Spilker, Table 2	80	10000	300	1.90E-01
Spilker, Table 2	100	240	300	1.10E-01
Spilker, Table 2	100	400	300	1.10E-01
Spilker, Table 2	100	800	300	1.20E-01
Spilker, Table 2	100	1500	300	1.40E-01
Spilker, Table 2	100	3000	300	1.30E-01
Spilker, Table 2	100	5000	300	1.60E-01
Spilker, Table 2	100	7500	300	2.00E-01
Spilker, Table 2	100	10000	300	2.90E-01
Spilker, Table 2	100	240	300	1.20E-01
Spilker, Table 2	100	400	300	1.20E-01
Spilker, Table 2	100	800	300	1.30E-01
Spilker, Table 2	100	1500	300	1.40E-01
Spilker, Table 2	100	3000	300	1.40E-01
Spilker, Table 2	100	5000	300	1.80E-01
Spilker, Table 2	100	7500	300	2.40E-01
Spilker, Table 2	100	10000	300	2.90E-01
Spilker, Table 2	120	240	300	1.20E-01
Spilker, Table 2	120	400	300	1.20E-01
Spilker, Table 2	120	800	300	1.60E-01
Spilker, Table 2	120	1500	300	1.80E-01
Spilker, Table 2	120	3000	300	1.90E-01
Spilker, Table 2	120	5000	300	2.10E-01
Spilker, Table 2	120	7500	300	2.70E-01
Spilker, Table 2	120	10000	300	3.30E-01
Spilker, Table 2	120	240	300	1.20E-01
Spilker, Table 2	120	400	300	1.30E-01
Spilker, Table 2	120	800	300	1.50E-01
Spilker, Table 2	120	1500	300	1.70E-01
Spilker, Table 2	120	3000	300	1.90E-01
Spilker, Table 2	120	5000	300	2.20E-01
Spilker, Table 2	120	7500	300	3.00E-01
Spilker, Table 2	120	10000	300	3.20E-01
Spilker, Table 2	80	240	350	1.90E-01
Spilker, Table 2	80	400	350	2.20E-01
Spilker, Table 2	80	800	350	2.60E-01
Spilker, Table 2	80	1500	350	3.20E-01
Spilker, Table 2	80	3000	350	4.10E-01
Spilker, Table 2	80	5000	350	4.90E-01
Spilker, Table 2	80	7500	350	6.10E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 2	80	10000	350	7.40E-01
Spilker, Table 2	80	240	350	2.00E-01
Spilker, Table 2	80	400	350	2.30E-01
Spilker, Table 2	80	800	350	2.70E-01
Spilker, Table 2	80	1500	350	3.20E-01
Spilker, Table 2	80	3000	350	4.10E-01
Spilker, Table 2	80	5000	350	4.90E-01
Spilker, Table 2	80	7500	350	6.50E-01
Spilker, Table 2	80	10000	350	7.40E-01
Spilker, Table 2	100	240	350	2.90E-01
Spilker, Table 2	100	400	350	3.10E-01
Spilker, Table 2	100	800	350	4.00E-01
Spilker, Table 2	100	1500	350	4.80E-01
Spilker, Table 2	100	3000	350	6.30E-01
Spilker, Table 2	100	5000	350	8.10E-01
Spilker, Table 2	100	7500	350	1.04E+00
Spilker, Table 2	100	10000	350	1.24E+00
Spilker, Table 2	100	240	350	2.60E-01
Spilker, Table 2	100	400	350	3.10E-01
Spilker, Table 2	100	800	350	3.90E-01
Spilker, Table 2	100	1500	350	4.80E-01
Spilker, Table 2	100	3000	350	6.30E-01
Spilker, Table 2	100	5000	350	8.10E-01
Spilker, Table 2	100	7500	350	9.80E-01
Spilker, Table 2	100	10000	350	1.17E+00
Spilker, Table 2	120	240	350	3.50E-01
Spilker, Table 2	120	400	350	4.30E-01
Spilker, Table 2	120	800	350	5.40E-01
Spilker, Table 2	120	1500	350	7.10E-01
Spilker, Table 2	120	3000	350	9.40E-01
Spilker, Table 2	120	5000	350	1.22E+00
Spilker, Table 2	120	7500	350	1.55E+00
Spilker, Table 2	120	10000	350	1.84E+00
Spilker, Table 2	120	240	350	3.70E-01
Spilker, Table 2	120	400	350	4.30E-01
Spilker, Table 2	120	800	350	5.70E-01
Spilker, Table 2	120	1500	350	7.30E-01
Spilker, Table 2	120	3000	350	9.50E-01
Spilker, Table 2	120	5000	350	1.23E+00
Spilker, Table 2	120	7500	350	1.58E+00
Spilker, Table 2	120	10000	350	1.86E+00
Spilker, Table 2	80	240	375	4.30E-01
Spilker, Table 2	80	400	375	5.00E-01
Spilker, Table 2	80	800	375	6.60E-01
Spilker, Table 2	80	1500	375	8.80E-01
Spilker, Table 2	80	3000	375	1.29E+00
Spilker, Table 2	80	5000	375	1.69E+00
Spilker, Table 2	80	7500	375	2.05E+00
Spilker, Table 2	80	10000	375	2.71E+00
Spilker, Table 2	80	240	375	3.90E-01
Spilker, Table 2	80	400	375	4.80E-01
Spilker, Table 2	80	800	375	6.40E-01
Spilker, Table 2	80	1500	375	8.40E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 2	80	3000	375	1.30E+00
Spilker, Table 2	80	5000	375	1.66E+00
Spilker, Table 2	80	7500	375	2.14E+00
Spilker, Table 2	80	10000	375	2.67E+00
Spilker, Table 2	100	240	375	6.70E-01
Spilker, Table 2	100	400	375	8.00E-01
Spilker, Table 2	100	800	375	1.13E+00
Spilker, Table 2	100	1500	375	1.55E+00
Spilker, Table 2	100	3000	375	2.39E+00
Spilker, Table 2	100	5000	375	3.24E+00
Spilker, Table 2	100	7500	375	4.24E+00
Spilker, Table 2	100	10000	375	5.33E+00
Spilker, Table 2	100	240	375	6.60E-01
Spilker, Table 2	100	400	375	8.00E-01
Spilker, Table 2	100	800	375	1.13E+00
Spilker, Table 2	100	1500	375	1.54E+00
Spilker, Table 2	100	3000	375	2.37E+00
Spilker, Table 2	100	5000	375	3.24E+00
Spilker, Table 2	100	7500	375	4.21E+00
Spilker, Table 2	100	10000	375	5.30E+00
Spilker, Table 2	120	240	375	1.00E+00
Spilker, Table 2	120	400	375	1.29E+00
Spilker, Table 2	120	800	375	1.85E+00
Spilker, Table 2	120	1500	375	2.69E+00
Spilker, Table 2	120	3000	375	4.36E+00
Spilker, Table 2	120	5000	375	6.07E+00
Spilker, Table 2	120	7500	375	7.47E+00
Spilker, Table 2	120	10000	375	1.02E+01
Spilker, Table 2	120	240	375	9.80E-01
Spilker, Table 2	120	400	375	1.27E+00
Spilker, Table 2	120	800	375	1.78E+00
Spilker, Table 2	120	1500	375	2.57E+00
Spilker, Table 2	120	3000	375	4.23E+00
Spilker, Table 2	120	5000	375	5.96E+00
Spilker, Table 2	120	7500	375	7.47E+00
Spilker, Table 2	120	10000	375	1.01E+01
Spilker, Table 3	80	240	375	1.30E-01
Spilker, Table 3	80	400	375	1.60E-01
Spilker, Table 3	80	800	375	2.30E-01
Spilker, Table 3	80	1500	375	3.00E-01
Spilker, Table 3	80	3000	375	4.60E-01
Spilker, Table 3	80	5000	375	6.50E-01
Spilker, Table 3	80	7500	375	8.90E-01
Spilker, Table 3	80	10000	375	1.13E+00
Spilker, Table 3	80	240	375	1.60E-01
Spilker, Table 3	80	400	375	1.90E-01
Spilker, Table 3	80	800	375	2.70E-01
Spilker, Table 3	80	1500	375	3.10E-01
Spilker, Table 3	80	3000	375	4.40E-01
Spilker, Table 3	80	5000	375	6.30E-01
Spilker, Table 3	80	7500	375	9.00E-01
Spilker, Table 3	80	10000	375	1.12E+00
Spilker, Table 3	100	240	375	2.60E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 3	100	400	375	3.00E-01
Spilker, Table 3	100	800	375	4.10E-01
Spilker, Table 3	100	1500	375	5.90E-01
Spilker, Table 3	100	3000	375	9.20E-01
Spilker, Table 3	100	5000	375	1.30E+00
Spilker, Table 3	100	7500	375	1.67E+00
Spilker, Table 3	100	10000	375	2.09E+00
Spilker, Table 3	100	240	375	2.60E-01
Spilker, Table 3	100	400	375	3.20E-01
Spilker, Table 3	100	800	375	4.00E-01
Spilker, Table 3	100	1500	375	5.80E-01
Spilker, Table 3	100	3000	375	9.30E-01
Spilker, Table 3	100	5000	375	1.32E+00
Spilker, Table 3	100	7500	375	1.77E+00
Spilker, Table 3	100	10000	375	2.15E+00
Spilker, Table 3	120	240	375	4.90E-01
Spilker, Table 3	120	400	375	6.10E-01
Spilker, Table 3	120	800	375	9.00E-01
Spilker, Table 3	120	1500	375	1.27E+00
Spilker, Table 3	120	3000	375	2.06E+00
Spilker, Table 3	120	5000	375	2.89E+00
Spilker, Table 3	120	7500	375	3.81E+00
Spilker, Table 3	120	10000	375	4.52E+00
Spilker, Table 3	120	240	375	4.70E-01
Spilker, Table 3	120	400	375	6.00E-01
Spilker, Table 3	120	800	375	8.60E-01
Spilker, Table 3	120	1500	375	1.24E+00
Spilker, Table 3	120	3000	375	2.01E+00
Spilker, Table 3	120	5000	375	2.83E+00
Spilker, Table 3	120	7500	375	3.78E+00
Spilker, Table 3	120	10000	375	4.54E+00
Spilker, Table 3	80	240	375	1.70E-01
Spilker, Table 3	80	400	375	2.00E-01
Spilker, Table 3	80	800	375	2.60E-01
Spilker, Table 3	80	1500	375	3.30E-01
Spilker, Table 3	80	3000	375	4.70E-01
Spilker, Table 3	80	5000	375	7.10E-01
Spilker, Table 3	80	7500	375	9.60E-01
Spilker, Table 3	80	10000	375	1.18E+00
Spilker, Table 3	80	240	375	1.70E-01
Spilker, Table 3	80	400	375	1.50E-01
Spilker, Table 3	80	800	375	2.40E-01
Spilker, Table 3	80	1500	375	3.10E-01
Spilker, Table 3	80	3000	375	4.40E-01
Spilker, Table 3	80	5000	375	6.90E-01
Spilker, Table 3	80	7500	375	9.30E-01
Spilker, Table 3	80	10000	375	1.15E+00
Spilker, Table 3	100	240	375	2.70E-01
Spilker, Table 3	100	400	375	3.20E-01
Spilker, Table 3	100	800	375	4.60E-01
Spilker, Table 3	100	1500	375	6.50E-01
Spilker, Table 3	100	3000	375	9.80E-01
Spilker, Table 3	100	5000	375	1.45E+00

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 3	100	7500	375	1.91E+00
Spilker, Table 3	100	10000	375	2.39E+00
Spilker, Table 3	100	240	375	2.60E-01
Spilker, Table 3	100	400	375	3.20E-01
Spilker, Table 3	100	800	375	4.30E-01
Spilker, Table 3	100	1500	375	6.60E-01
Spilker, Table 3	100	3000	375	9.60E-01
Spilker, Table 3	100	5000	375	1.50E+00
Spilker, Table 3	100	7500	375	1.96E+00
Spilker, Table 3	100	10000	375	2.40E+00
Spilker, Table 3	120	240	375	5.40E-01
Spilker, Table 3	120	400	375	6.40E-01
Spilker, Table 3	120	800	375	9.60E-01
Spilker, Table 3	120	1500	375	1.36E+00
Spilker, Table 3	120	3000	375	2.18E+00
Spilker, Table 3	120	5000	375	3.16E+00
Spilker, Table 3	120	7500	375	4.19E+00
Spilker, Table 3	120	10000	375	5.20E+00
Spilker, Table 3	120	240	375	5.10E-01
Spilker, Table 3	120	400	375	6.20E-01
Spilker, Table 3	120	800	375	9.10E-01
Spilker, Table 3	120	1500	375	1.31E+00
Spilker, Table 3	120	3000	375	2.07E+00
Spilker, Table 3	120	5000	375	3.20E+00
Spilker, Table 3	120	7500	375	4.20E+00
Spilker, Table 3	120	10000	375	5.11E+00
Spilker, Table 3	80	240	375	1.40E-01
Spilker, Table 3	80	400	375	1.50E-01
Spilker, Table 3	80	800	375	2.10E-01
Spilker, Table 3	80	1500	375	2.70E-01
Spilker, Table 3	80	3000	375	3.90E-01
Spilker, Table 3	80	5000	375	4.90E-01
Spilker, Table 3	80	7500	375	7.40E-01
Spilker, Table 3	80	10000	375	9.10E-01
Spilker, Table 3	80	240	375	1.10E-01
Spilker, Table 3	80	400	375	1.40E-01
Spilker, Table 3	80	800	375	1.80E-01
Spilker, Table 3	80	1500	375	2.50E-01
Spilker, Table 3	80	3000	375	3.80E-01
Spilker, Table 3	80	5000	375	4.60E-01
Spilker, Table 3	80	7500	375	7.10E-01
Spilker, Table 3	80	10000	375	8.70E-01
Spilker, Table 3	100	240	375	2.30E-01
Spilker, Table 3	100	400	375	2.80E-01
Spilker, Table 3	100	800	375	4.00E-01
Spilker, Table 3	100	1500	375	5.30E-01
Spilker, Table 3	100	3000	375	7.90E-01
Spilker, Table 3	100	5000	375	1.03E+00
Spilker, Table 3	100	7500	375	1.44E+00
Spilker, Table 3	100	10000	375	1.93E+00
Spilker, Table 3	100	240	375	1.90E-01
Spilker, Table 3	100	400	375	2.40E-01
Spilker, Table 3	100	800	375	3.40E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 3	100	1500	375	4.50E-01
Spilker, Table 3	100	3000	375	7.00E-01
Spilker, Table 3	100	5000	375	9.00E-01
Spilker, Table 3	100	7500	375	1.31E+00
Spilker, Table 3	100	10000	375	1.67E+00
Spilker, Table 3	120	240	375	4.20E-01
Spilker, Table 3	120	400	375	5.40E-01
Spilker, Table 3	120	800	375	8.10E-01
Spilker, Table 3	120	1500	375	1.12E+00
Spilker, Table 3	120	3000	375	1.65E+00
Spilker, Table 3	120	5000	375	2.27E+00
Spilker, Table 3	120	7500	375	3.25E+00
Spilker, Table 3	120	10000	375	4.04E+00
Spilker, Table 3	120	240	375	3.90E-01
Spilker, Table 3	120	400	375	5.10E-01
Spilker, Table 3	120	800	375	7.40E-01
Spilker, Table 3	120	1500	375	1.02E+00
Spilker, Table 3	120	3000	375	1.59E+00
Spilker, Table 3	120	5000	375	2.06E+00
Spilker, Table 3	120	7500	375	2.96E+00
Spilker, Table 3	120	10000	375	3.78E+00
Spilker, Table 3	80	240	375	1.40E-01
Spilker, Table 3	80	400	375	1.60E-01
Spilker, Table 3	80	800	375	2.10E-01
Spilker, Table 3	80	1500	375	2.70E-01
Spilker, Table 3	80	3000	375	4.10E-01
Spilker, Table 3	80	5000	375	5.60E-01
Spilker, Table 3	80	7500	375	8.10E-01
Spilker, Table 3	80	10000	375	1.00E+00
Spilker, Table 3	80	240	375	1.40E-01
Spilker, Table 3	80	400	375	1.60E-01
Spilker, Table 3	80	800	375	2.10E-01
Spilker, Table 3	80	1500	375	2.70E-01
Spilker, Table 3	80	3000	375	4.00E-01
Spilker, Table 3	80	5000	375	5.30E-01
Spilker, Table 3	80	7500	375	7.80E-01
Spilker, Table 3	80	10000	375	9.50E-01
Spilker, Table 3	100	240	375	2.50E-01
Spilker, Table 3	100	400	375	2.90E-01
Spilker, Table 3	100	800	375	4.20E-01
Spilker, Table 3	100	1500	375	5.50E-01
Spilker, Table 3	100	3000	375	7.90E-01
Spilker, Table 3	100	5000	375	1.13E+00
Spilker, Table 3	100	7500	375	1.60E+00
Spilker, Table 3	100	10000	375	2.06E+00
Spilker, Table 3	100	240	375	2.40E-01
Spilker, Table 3	100	400	375	2.70E-01
Spilker, Table 3	100	800	375	4.00E-01
Spilker, Table 3	100	1500	375	5.40E-01
Spilker, Table 3	100	3000	375	7.80E-01
Spilker, Table 3	100	5000	375	1.07E+00
Spilker, Table 3	100	7500	375	1.49E+00
Spilker, Table 3	100	10000	375	1.90E+00

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 3	120	240	375	5.50E-01
Spilker, Table 3	120	400	375	6.50E-01
Spilker, Table 3	120	800	375	9.40E-01
Spilker, Table 3	120	1500	375	1.29E+00
Spilker, Table 3	120	3000	375	1.72E+00
Spilker, Table 3	120	5000	375	2.55E+00
Spilker, Table 3	120	7500	375	3.57E+00
Spilker, Table 3	120	10000	375	4.37E+00
Spilker, Table 3	120	240	375	4.80E-01
Spilker, Table 3	120	400	375	5.70E-01
Spilker, Table 3	120	800	375	7.80E-01
Spilker, Table 3	120	1500	375	1.06E+00
Spilker, Table 3	120	3000	375	1.57E+00
Spilker, Table 3	120	5000	375	2.14E+00
Spilker, Table 3	120	7500	375	2.97E+00
Spilker, Table 3	120	10000	375	3.65E+00
Spilker, Table 3	80	240	375	1.10E-01
Spilker, Table 3	80	400	375	1.20E-01
Spilker, Table 3	80	800	375	1.80E-01
Spilker, Table 3	80	1500	375	2.20E-01
Spilker, Table 3	80	3000	375	3.20E-01
Spilker, Table 3	80	5000	375	4.80E-01
Spilker, Table 3	80	7500	375	6.60E-01
Spilker, Table 3	80	10000	375	8.40E-01
Spilker, Table 3	80	240	375	1.00E-01
Spilker, Table 3	80	400	375	1.00E-01
Spilker, Table 3	80	800	375	1.60E-01
Spilker, Table 3	80	1500	375	2.00E-01
Spilker, Table 3	80	3000	375	2.80E-01
Spilker, Table 3	80	5000	375	4.20E-01
Spilker, Table 3	80	7500	375	5.50E-01
Spilker, Table 3	80	10000	375	7.40E-01
Spilker, Table 3	100	240	375	1.70E-01
Spilker, Table 3	100	400	375	2.00E-01
Spilker, Table 3	100	800	375	2.70E-01
Spilker, Table 3	100	1500	375	3.60E-01
Spilker, Table 3	100	3000	375	5.20E-01
Spilker, Table 3	100	5000	375	7.80E-01
Spilker, Table 3	100	7500	375	1.06E+00
Spilker, Table 3	100	10000	375	1.37E+00
Spilker, Table 3	100	240	375	1.70E-01
Spilker, Table 3	100	400	375	1.90E-01
Spilker, Table 3	100	800	375	2.50E-01
Spilker, Table 3	100	1500	375	3.40E-01
Spilker, Table 3	100	3000	375	5.00E-01
Spilker, Table 3	100	5000	375	7.20E-01
Spilker, Table 3	100	7500	375	9.50E-01
Spilker, Table 3	100	10000	375	1.22E+00
Spilker, Table 3	120	240	375	2.80E-01
Spilker, Table 3	120	400	375	3.30E-01
Spilker, Table 3	120	800	375	4.70E-01
Spilker, Table 3	120	1500	375	6.20E-01
Spilker, Table 3	120	3000	375	9.40E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 3	120	5000	375	1.34E+00
Spilker, Table 3	120	7500	375	1.79E+00
Spilker, Table 3	120	10000	375	2.34E+00
Spilker, Table 3	120	240	375	2.70E-01
Spilker, Table 3	120	400	375	3.20E-01
Spilker, Table 3	120	800	375	4.50E-01
Spilker, Table 3	120	1500	375	6.10E-01
Spilker, Table 3	120	3000	375	9.00E-01
Spilker, Table 3	120	5000	375	1.27E+00
Spilker, Table 3	120	7500	375	1.69E+00
Spilker, Table 3	120	10000	375	2.13E+00
Matsuo	118	50	360	1.20E-01
Matsuo	118	50	360	1.50E-01
Matsuo	118	50	360	1.70E-01
Matsuo	118	120	360	1.60E-01
Matsuo	118	120	360	2.10E-01
Matsuo	118	120	360	2.40E-01
Matsuo	118	240	360	2.10E-01
Matsuo	118	240	360	2.70E-01
Matsuo	118	240	360	2.70E-01
Matsuo	118	480	360	3.00E-01
Matsuo	118	480	360	3.30E-01
Matsuo	118	480	360	3.30E-01
Matsuo	118	960	360	3.30E-01
Matsuo	118	960	360	4.00E-01
Matsuo	118	960	360	4.40E-01
Matsuo	118	1920	360	4.50E-01
Matsuo	118	1920	360	5.50E-01
Matsuo	118	1920	360	5.90E-01
Matsuo	118	3000	360	5.00E-01
Matsuo	118	3000	360	6.30E-01
Matsuo	118	3000	360	6.40E-01
Mayuzumi	54.9	420	352.85	7.00E-02
Mayuzumi	54.9	800	352.85	1.10E-01
Mayuzumi	54.9	1600	352.85	1.50E-01
Mayuzumi	54.9	3200	352.85	2.00E-01
Mayuzumi	54.9	4800	352.85	2.40E-01
Mayuzumi	54.9	6400	352.85	3.00E-01
Mayuzumi	54.9	7400	352.85	3.10E-01
Mayuzumi	82.6	210	352.85	7.00E-02
Mayuzumi	82.6	420	352.85	1.10E-01
Mayuzumi	82.6	800	352.85	1.80E-01
Mayuzumi	82.6	1600	352.85	2.40E-01
Mayuzumi	82.6	3200	352.85	3.20E-01
Mayuzumi	82.6	4800	352.85	3.90E-01
Mayuzumi	82.6	6400	352.85	4.60E-01
Mayuzumi	82.6	7400	352.85	4.90E-01
Mayuzumi	97.1	420	352.85	1.80E-01
Mayuzumi	97.1	800	352.85	2.60E-01
Mayuzumi	97.1	1600	352.85	3.50E-01
Mayuzumi	97.1	3200	352.85	4.60E-01
Mayuzumi	97.1	4800	352.85	5.50E-01
Mayuzumi	97.1	6400	352.85	6.40E-01

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Mayuzumi	97.1	7400	352.85	6.80E-01
Mayuzumi	114	50	352.85	1.20E-01
Mayuzumi	114	210	352.85	2.20E-01
Mayuzumi	114	420	352.85	3.00E-01
Mayuzumi	114	800	352.85	4.00E-01
Mayuzumi	114	1600	352.85	5.30E-01
Mayuzumi	114	3200	352.85	7.00E-01
Mayuzumi	114	4800	352.85	8.30E-01
Mayuzumi	114	6400	352.85	9.60E-01
Mayuzumi	114	7400	352.85	1.03E+00
Limback	80	120	385	2.50E-01
Limback	80	240	385	3.50E-01
Limback	80	360	385	5.00E-01
Limback	80	480	385	5.50E-01
Limback	120	120	385	5.50E-01
Limback	120	240	385	9.50E-01
Limback	120	360	385	1.25E+00
Limback	120	480	385	1.45E+00
Limback	120	120	330	7.00E-02
Limback	120	240	330	1.00E-01
Limback	120	360	330	1.20E-01
Limback	120	480	330	1.10E-01
Limback	120	600	330	1.40E-01
Limback	120	720	330	1.40E-01
Limback	120	960	330	2.10E-01
Limback	120	120	360	2.60E-01
Limback	120	240	360	3.20E-01
Limback	120	360	360	4.20E-01
Limback	120	480	360	5.00E-01

Table I-3. Experimental End Points

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 2	80	10000	250	0.13
Spilker, Table 2	80	10000	250	0.13
Spilker, Table 2	100	10000	250	0.12
Spilker, Table 2	100	10000	250	0.16
Spilker, Table 2	120	10000	250	0.14
Spilker, Table 2	120	10000	250	0.15
Spilker, Table 2	150	10000	250	0.15
Spilker, Table 2	150	10000	250	0.18
Spilker, Table 2	80	10000	300	0.23
Spilker, Table 2	80	10000	300	0.19
Spilker, Table 2	100	10000	300	0.29
Spilker, Table 2	100	10000	300	0.29
Spilker, Table 2	120	10000	300	0.33
Spilker, Table 2	120	10000	300	0.32
Spilker, Table 2	150	10000	300	0.45
Spilker, Table 2	150	10000	300	0.5
Spilker, Table 2	80	10000	350	0.74
Spilker, Table 2	80	10000	350	0.74
Spilker, Table 2	100	10000	350	1.24
Spilker, Table 2	100	10000	350	1.17
Spilker, Table 2	120	10000	350	1.84
Spilker, Table 2	120	10000	350	1.86
Spilker, Table 2	150	10000	350	3.78
Spilker, Table 2	150	10000	350	2.55
Spilker, Table 2	80	10000	375	2.71
Spilker, Table 2	80	10000	375	2.67
Spilker, Table 2	100	10000	375	5.33
Spilker, Table 2	100	10000	375	5.3
Spilker, Table 2	120	10000	375	10.2
Spilker, Table 2	120	10000	375	10.1
Spilker, Table 2	150	10000	375	25.1
Spilker, Table 2	150	10000	375	24.9
Spilker, Table 3	80	10000	375	1.13
Spilker, Table 3	80	10000	375	1.12
Spilker, Table 3	100	10000	375	2.09
Spilker, Table 3	100	10000	375	2.15
Spilker, Table 3	120	10000	375	4.52
Spilker, Table 3	120	10000	375	4.54
Spilker, Table 3	150	10000	375	14.3
Spilker, Table 3	150	10000	375	14.1
Spilker, Table 3	80	10000	375	1.18
Spilker, Table 3	80	10000	375	1.15
Spilker, Table 3	100	10000	375	2.39
Spilker, Table 3	100	10000	375	2.4
Spilker, Table 3	120	10000	375	5.2
Spilker, Table 3	120	10000	375	5.11
Spilker, Table 3	150	10000	375	15.5
Spilker, Table 3	150	10000	375	15.6
Spilker, Table 3	80	10000	375	0.91
Spilker, Table 3	80	10000	375	0.87
Spilker, Table 3	100	10000	375	1.93
Spilker, Table 3	100	10000	375	1.67

Data Origin	Hoop Stress (MPa)	Time (h)	Temperature (°C)	Measured Creep Strain (%)
Spilker, Table 3	120	10000	375	4.04
Spilker, Table 3	120	10000	375	3.78
Spilker, Table 3	150	10000	375	12.9
Spilker, Table 3	150	10000	375	10.9
Spilker, Table 3	80	10000	375	1
Spilker, Table 3	80	10000	375	0.95
Spilker, Table 3	100	10000	375	2.06
Spilker, Table 3	100	10000	375	1.9
Spilker, Table 3	120	10000	375	4.37
Spilker, Table 3	120	10000	375	3.65
Spilker, Table 3	150	10000	375	12.8
Spilker, Table 3	150	10000	375	10.7
Spilker, Table 3	80	10000	375	0.84
Spilker, Table 3	80	10000	375	0.74
Spilker, Table 3	100	10000	375	1.37
Spilker, Table 3	100	10000	375	1.22
Spilker, Table 3	120	10000	375	2.34
Spilker, Table 3	120	10000	375	2.13
Spilker, Table 3	150	10000	375	5.29
Spilker, Table 3	150	10000	375	5.23
Matsuo	118	3000	360	0.5
Matsuo	118	3000	360	0.63
Matsuo	118	3000	360	0.64
Matsuo	157	1920	360	0.8
Matsuo	157	1920	360	0.97
Matsuo	157	1920	360	1
Matsuo	196	960	360	1.3
Matsuo	196	960	360	1.3
Matsuo	196	960	360	1.4
Matsuo	235	480	360	1.7
Matsuo	235	480	360	1.7
Matsuo	235	480	360	1.8
Matsuo	275	480	360	3.9
Matsuo	275	480	360	3.9
Matsuo	275	480	360	4.2
Mayuzumi	54.9	7400	352.85	0.31
Mayuzumi	82.6	7400	352.85	0.49
Mayuzumi	97.1	7400	352.85	0.68
Mayuzumi	114	7400	352.85	1.03
Limback	80	480	385	0.55
Limback	120	480	385	1.45
Limback	120	960	330	0.21
Limback	120	480	360	0.5

Table II-1. Primary Creep and Steady-State Creep Rate for Matsuo's, Mayuzumi's and Limback's Correlations; Glide and Coble Creep Rates for Murty's Correlation, along with Temperature, Hoop Stress, Time and Young's Modulus

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	250	80	240	83463.32	1.24E-03	3.12E-12	6.18E-12	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	400	83463.32	1.24E-03	3.12E-12	2.72E-06	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	800	83463.32	1.24E-03	3.12E-12	5.44E-06	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	1500	83463.32	1.24E-03	3.12E-12	1.02E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	3000	83463.32	1.24E-03	3.12E-12	2.04E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	5000	83463.32	1.24E-03	3.12E-12	3.40E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	7500	83463.32	1.24E-03	3.12E-12	5.10E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	10000	83463.32	1.24E-03	3.12E-12	6.80E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	240	83463.32	1.24E-03	3.12E-12	1.63E-06	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	400	83463.32	1.24E-03	3.12E-12	2.72E-06	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	800	83463.32	1.24E-03	3.12E-12	5.44E-06	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	1500	83463.32	1.24E-03	3.12E-12	1.02E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	3000	83463.32	1.24E-03	3.12E-12	2.04E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	5000	83463.32	1.24E-03	3.12E-12	3.40E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	7500	83463.32	1.24E-03	3.12E-12	5.10E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	80	10000	83463.32	1.24E-03	3.12E-12	6.80E-05	4.98E-12	1.05E-06	3.65E-14	5.19E-04	6.35E-10
Spilker, Table 2	250	100	240	83463.32	1.32E-03	6.15E-12	3.74E-06	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	400	83463.32	1.32E-03	6.15E-12	6.24E-06	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	800	83463.32	1.32E-03	6.15E-12	1.25E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	1500	83463.32	1.32E-03	6.15E-12	2.34E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	3000	83463.32	1.32E-03	6.15E-12	4.68E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	5000	83463.32	1.32E-03	6.15E-12	7.80E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	7500	83463.32	1.32E-03	6.15E-12	1.17E-04	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	10000	83463.32	1.32E-03	6.15E-12	1.56E-04	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	240	83463.32	1.32E-03	6.15E-12	3.74E-06	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	400	83463.32	1.32E-03	6.15E-12	6.24E-06	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	800	83463.32	1.32E-03	6.15E-12	1.25E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	1500	83463.32	1.32E-03	6.15E-12	2.34E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	3000	83463.32	1.32E-03	6.15E-12	4.68E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	5000	83463.32	1.32E-03	6.15E-12	7.80E-05	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	7500	83463.32	1.32E-03	6.15E-12	1.17E-04	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09
Spilker, Table 2	250	100	10000	83463.32	1.32E-03	6.15E-12	1.56E-04	6.22E-12	1.89E-06	6.36E-14	5.49E-04	1.06E-09

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	250	120	240	83463.32	1.40E-03	1.15E-11	7.83E-06	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	400	83463.32	1.40E-03	1.15E-11	1.31E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	800	83463.32	1.40E-03	1.15E-11	2.61E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	1500	83463.32	1.40E-03	1.15E-11	4.90E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	3000	83463.32	1.40E-03	1.15E-11	9.79E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	5000	83463.32	1.40E-03	1.15E-11	1.63E-04	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	7500	83463.32	1.40E-03	1.15E-11	2.45E-04	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	10000	83463.32	1.40E-03	1.15E-11	3.26E-04	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	240	83463.32	1.40E-03	1.15E-11	7.83E-06	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	400	83463.32	1.40E-03	1.15E-11	1.31E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	800	83463.32	1.40E-03	1.15E-11	2.61E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	1500	83463.32	1.40E-03	1.15E-11	4.90E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	3000	83463.32	1.40E-03	1.15E-11	9.79E-05	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	5000	83463.32	1.40E-03	1.15E-11	1.63E-04	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	7500	83463.32	1.40E-03	1.15E-11	2.45E-04	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	120	10000	83463.32	1.40E-03	1.15E-11	3.26E-04	7.47E-12	3.40E-06	1.11E-13	5.76E-04	1.67E-09
Spilker, Table 2	250	150	240	83463.32	1.54E-03	2.84E-11	2.15E-05	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	400	83463.32	1.54E-03	2.84E-11	3.59E-05	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	800	83463.32	1.54E-03	2.84E-11	7.17E-05	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	1500	83463.32	1.54E-03	2.84E-11	1.35E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	3000	83463.32	1.54E-03	2.84E-11	2.69E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	5000	83463.32	1.54E-03	2.84E-11	4.48E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	7500	83463.32	1.54E-03	2.84E-11	6.72E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	10000	83463.32	1.54E-03	2.84E-11	8.96E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	240	83463.32	1.54E-03	2.84E-11	2.15E-05	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	400	83463.32	1.54E-03	2.84E-11	3.59E-05	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	800	83463.32	1.54E-03	2.84E-11	7.17E-05	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	1500	83463.32	1.54E-03	2.84E-11	1.35E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	3000	83463.32	1.54E-03	2.84E-11	2.69E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	5000	83463.32	1.54E-03	2.84E-11	4.48E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	7500	83463.32	1.54E-03	2.84E-11	6.72E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	250	150	10000	83463.32	1.54E-03	2.84E-11	8.96E-04	9.34E-12	8.16E-06	2.55E-13	6.15E-04	3.04E-09
Spilker, Table 2	300	80	240	80468.32	2.23E-03	7.12E-10	2.98E-04	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	400	80468.32	2.23E-03	7.12E-10	4.96E-04	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	800	80468.32	2.23E-03	7.12E-10	9.92E-04	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	300	80	1500	80468.32	2.23E-03	7.12E-10	1.86E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	3000	80468.32	2.23E-03	7.12E-10	3.71E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	5000	80468.32	2.23E-03	7.12E-10	6.17E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	7500	80468.32	2.23E-03	7.12E-10	9.22E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	10000	80468.32	2.23E-03	7.12E-10	1.23E-02	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	240	80468.32	2.23E-03	7.12E-10	2.98E-04	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	400	80468.32	2.23E-03	7.12E-10	4.96E-04	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	800	80468.32	2.23E-03	7.12E-10	9.92E-04	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	1500	80468.32	2.23E-03	7.12E-10	1.86E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	3000	80468.32	2.23E-03	7.12E-10	3.71E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	5000	80468.32	2.23E-03	7.12E-10	6.17E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	7500	80468.32	2.23E-03	7.12E-10	9.22E-03	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	80	10000	80468.32	2.23E-03	7.12E-10	1.23E-02	1.51E-10	1.09E-04	2.60E-12	8.02E-04	3.42E-08
Spilker, Table 2	300	100	240	80468.32	2.38E-03	1.43E-09	6.90E-04	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	400	80468.32	2.38E-03	1.43E-09	1.15E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	800	80468.32	2.38E-03	1.43E-09	2.30E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	1500	80468.32	2.38E-03	1.43E-09	4.30E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	3000	80468.32	2.38E-03	1.43E-09	8.56E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	5000	80468.32	2.38E-03	1.43E-09	1.42E-02	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	7500	80468.32	2.38E-03	1.43E-09	2.11E-02	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	10000	80468.32	2.38E-03	1.43E-09	2.80E-02	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	240	80468.32	2.38E-03	1.43E-09	6.90E-04	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	400	80468.32	2.38E-03	1.43E-09	1.15E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	800	80468.32	2.38E-03	1.43E-09	2.30E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	1500	80468.32	2.38E-03	1.43E-09	4.30E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	3000	80468.32	2.38E-03	1.43E-09	8.56E-03	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	5000	80468.32	2.38E-03	1.43E-09	1.42E-02	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	7500	80468.32	2.38E-03	1.43E-09	2.11E-02	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	100	10000	80468.32	2.38E-03	1.43E-09	2.80E-02	1.88E-10	1.82E-04	4.63E-12	8.50E-04	5.76E-08
Spilker, Table 2	300	120	240	80468.32	2.54E-03	2.72E-09	1.46E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	400	80468.32	2.54E-03	2.72E-09	2.44E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	800	80468.32	2.54E-03	2.72E-09	4.86E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	1500	80468.32	2.54E-03	2.72E-09	9.07E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	3000	80468.32	2.54E-03	2.72E-09	1.80E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	5000	80468.32	2.54E-03	2.72E-09	2.96E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	300	120	7500	80468.32	2.54E-03	2.72E-09	4.37E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	10000	80468.32	2.54E-03	2.72E-09	5.75E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	240	80468.32	2.54E-03	2.72E-09	1.46E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	400	80468.32	2.54E-03	2.72E-09	2.44E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	800	80468.32	2.54E-03	2.72E-09	4.86E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	1500	80468.32	2.54E-03	2.72E-09	9.07E-03	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	3000	80468.32	2.54E-03	2.72E-09	1.80E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	5000	80468.32	2.54E-03	2.72E-09	2.96E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	7500	80468.32	2.54E-03	2.72E-09	4.37E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	120	10000	80468.32	2.54E-03	2.72E-09	5.75E-02	2.26E-10	3.03E-04	8.24E-12	8.94E-04	9.09E-08
Spilker, Table 2	300	150	240	80468.32	2.81E-03	6.88E-09	4.10E-03	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	400	80468.32	2.81E-03	6.88E-09	6.82E-03	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	800	80468.32	2.81E-03	6.88E-09	1.35E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	1500	80468.32	2.81E-03	6.88E-09	2.51E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	3000	80468.32	2.81E-03	6.88E-09	4.89E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	5000	80468.32	2.81E-03	6.88E-09	7.89E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	7500	80468.32	2.81E-03	6.88E-09	1.14E-01	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	10000	80468.32	2.81E-03	6.88E-09	1.46E-01	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	240	80468.32	2.81E-03	6.88E-09	4.10E-03	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	400	80468.32	2.81E-03	6.88E-09	6.82E-03	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	800	80468.32	2.81E-03	6.88E-09	1.35E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	1500	80468.32	2.81E-03	6.88E-09	2.51E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	3000	80468.32	2.81E-03	6.88E-09	4.89E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	5000	80468.32	2.81E-03	6.88E-09	7.89E-02	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	7500	80468.32	2.81E-03	6.88E-09	1.14E-01	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	300	150	10000	80468.32	2.81E-03	6.88E-09	1.46E-01	2.83E-10	6.51E-04	1.96E-11	9.58E-04	1.67E-07
Spilker, Table 2	350	80	240	77473.32	3.67E-03	6.86E-08	2.33E-02	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	400	77473.32	3.67E-03	6.86E-08	3.82E-02	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	800	77473.32	3.67E-03	6.86E-08	7.36E-02	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	1500	77473.32	3.67E-03	6.86E-08	1.30E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	3000	77473.32	3.67E-03	6.86E-08	2.30E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	5000	77473.32	3.67E-03	6.86E-08	3.34E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	7500	77473.32	3.67E-03	6.86E-08	4.35E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	10000	77473.32	3.67E-03	6.86E-08	5.15E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	240	77473.32	3.67E-03	6.86E-08	2.33E-02	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	350	80	400	77473.32	3.67E-03	6.86E-08	3.82E-02	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	800	77473.32	3.67E-03	6.86E-08	7.36E-02	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	1500	77473.32	3.67E-03	6.86E-08	1.30E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	3000	77473.32	3.67E-03	6.86E-08	2.30E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	5000	77473.32	3.67E-03	6.86E-08	3.34E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	7500	77473.32	3.67E-03	6.86E-08	4.35E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	80	10000	77473.32	3.67E-03	6.86E-08	5.15E-01	2.62E-09	1.66E-03	9.40E-11	1.20E-03	9.74E-07
Spilker, Table 2	350	100	240	77473.32	3.93E-03	1.40E-07	5.30E-02	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	400	77473.32	3.93E-03	1.40E-07	8.53E-02	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	800	77473.32	3.93E-03	1.40E-07	1.57E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	1500	77473.32	3.93E-03	1.40E-07	2.60E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	3000	77473.32	3.93E-03	1.40E-07	4.19E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	5000	77473.32	3.93E-03	1.40E-07	5.63E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	7500	77473.32	3.93E-03	1.40E-07	6.92E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	10000	77473.32	3.93E-03	1.40E-07	7.94E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	240	77473.32	3.93E-03	1.40E-07	5.30E-02	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	400	77473.32	3.93E-03	1.40E-07	8.53E-02	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	800	77473.32	3.93E-03	1.40E-07	1.57E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	1500	77473.32	3.93E-03	1.40E-07	2.60E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	3000	77473.32	3.93E-03	1.40E-07	4.19E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	5000	77473.32	3.93E-03	1.40E-07	5.63E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	7500	77473.32	3.93E-03	1.40E-07	6.92E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	100	10000	77473.32	3.93E-03	1.40E-07	7.94E-01	3.28E-09	2.55E-03	1.71E-10	1.30E-03	1.65E-06
Spilker, Table 2	350	120	240	77473.32	4.20E-03	2.71E-07	1.08E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	400	77473.32	4.20E-03	2.71E-07	1.67E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	800	77473.32	4.20E-03	2.71E-07	2.88E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	1500	77473.32	4.20E-03	2.71E-07	4.38E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	3000	77473.32	4.20E-03	2.71E-07	6.43E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	5000	77473.32	4.20E-03	2.71E-07	8.22E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	7500	77473.32	4.20E-03	2.71E-07	9.92E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	10000	77473.32	4.20E-03	2.71E-07	1.14E+00	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	240	77473.32	4.20E-03	2.71E-07	1.08E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	400	77473.32	4.20E-03	2.71E-07	1.67E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	800	77473.32	4.20E-03	2.71E-07	2.88E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	1500	77473.32	4.20E-03	2.71E-07	4.38E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	350	120	3000	77473.32	4.20E-03	2.71E-07	6.43E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	5000	77473.32	4.20E-03	2.71E-07	8.22E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	7500	77473.32	4.20E-03	2.71E-07	9.92E-01	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	120	10000	77473.32	4.20E-03	2.71E-07	1.14E+00	3.93E-09	3.92E-03	3.11E-10	1.42E-03	2.62E-06
Spilker, Table 2	350	150	240	77473.32	4.65E-03	7.07E-07	2.59E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	400	77473.32	4.65E-03	7.07E-07	3.71E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	800	77473.32	4.65E-03	7.07E-07	5.61E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	1500	77473.32	4.65E-03	7.07E-07	7.68E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	3000	77473.32	4.65E-03	7.07E-07	1.06E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	5000	77473.32	4.65E-03	7.07E-07	1.37E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	7500	77473.32	4.65E-03	7.07E-07	1.73E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	10000	77473.32	4.65E-03	7.07E-07	2.07E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	240	77473.32	4.65E-03	7.07E-07	2.59E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	400	77473.32	4.65E-03	7.07E-07	3.71E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	800	77473.32	4.65E-03	7.07E-07	5.61E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	1500	77473.32	4.65E-03	7.07E-07	7.68E-01	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	3000	77473.32	4.65E-03	7.07E-07	1.06E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	5000	77473.32	4.65E-03	7.07E-07	1.37E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	7500	77473.32	4.65E-03	7.07E-07	1.73E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	350	150	10000	77473.32	4.65E-03	7.07E-07	2.07E+00	4.92E-09	7.45E-03	7.65E-10	1.65E-03	4.88E-06
Spilker, Table 2	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 2	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 2	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 2	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 2	400	80	240	74478.32	5.60E-03	3.39E-06	5.20E-01	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	400	74478.32	5.60E-03	3.39E-06	6.79E-01	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	800	74478.32	5.60E-03	3.39E-06	9.42E-01	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	1500	74478.32	5.60E-03	3.39E-06	1.28E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	3000	74478.32	5.60E-03	3.39E-06	1.90E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	5000	74478.32	5.60E-03	3.39E-06	2.69E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	7500	74478.32	5.60E-03	3.39E-06	3.66E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	10000	74478.32	5.60E-03	3.39E-06	4.62E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	240	74478.32	5.60E-03	3.39E-06	5.20E-01	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	400	74478.32	5.60E-03	3.39E-06	6.79E-01	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	800	74478.32	5.60E-03	3.39E-06	9.42E-01	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	1500	74478.32	5.60E-03	3.39E-06	1.28E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	3000	74478.32	5.60E-03	3.39E-06	1.90E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	5000	74478.32	5.60E-03	3.39E-06	2.69E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	7500	74478.32	5.60E-03	3.39E-06	3.66E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	80	10000	74478.32	5.60E-03	3.39E-06	4.62E+00	2.97E-08	5.67E-03	2.01E-09	2.99E-03	1.69E-05
Spilker, Table 2	400	100	240	74478.32	6.01E-03	7.02E-06	8.06E-01	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	400	74478.32	6.01E-03	7.02E-06	1.02E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	800	74478.32	6.01E-03	7.02E-06	1.45E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	1500	74478.32	6.01E-03	7.02E-06	2.13E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	3000	74478.32	6.01E-03	7.02E-06	3.52E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	400	100	5000	74478.32	6.01E-03	7.02E-06	5.36E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	7500	74478.32	6.01E-03	7.02E-06	7.65E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	10000	74478.32	6.01E-03	7.02E-06	9.94E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	240	74478.32	6.01E-03	7.02E-06	8.06E-01	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	400	74478.32	6.01E-03	7.02E-06	1.02E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	800	74478.32	6.01E-03	7.02E-06	1.45E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	1500	74478.32	6.01E-03	7.02E-06	2.13E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	3000	74478.32	6.01E-03	7.02E-06	3.52E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	5000	74478.32	6.01E-03	7.02E-06	5.36E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	7500	74478.32	6.01E-03	7.02E-06	7.65E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	100	10000	74478.32	6.01E-03	7.02E-06	9.94E+00	3.71E-08	7.97E-03	3.75E-09	4.54E-03	2.89E-05
Spilker, Table 2	400	120	240	74478.32	6.45E-03	1.39E-05	1.17E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	400	74478.32	6.45E-03	1.39E-05	1.53E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	800	74478.32	6.45E-03	1.39E-05	2.36E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	1500	74478.32	6.45E-03	1.39E-05	3.78E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	3000	74478.32	6.45E-03	1.39E-05	6.80E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	5000	74478.32	6.45E-03	1.39E-05	1.08E+01	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	240	74478.32	6.45E-03	1.39E-05	1.17E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	400	74478.32	6.45E-03	1.39E-05	1.53E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	800	74478.32	6.45E-03	1.39E-05	2.36E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	1500	74478.32	6.45E-03	1.39E-05	3.78E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	3000	74478.32	6.45E-03	1.39E-05	6.80E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	5000	74478.32	6.45E-03	1.39E-05	1.08E+01	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	7500	74478.32	6.45E-03	1.39E-05	1.58E+01	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	120	10000	74478.32	6.45E-03	1.39E-05	2.08E+01	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Spilker, Table 2	400	150	240	74478.32	7.16E-03	3.75E-05	2.18E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	400	74478.32	7.16E-03	3.75E-05	3.15E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	800	74478.32	7.16E-03	3.75E-05	5.54E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	1500	74478.32	7.16E-03	3.75E-05	9.71E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	3000	74478.32	7.16E-03	3.75E-05	1.86E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	5000	74478.32	7.16E-03	3.75E-05	3.05E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	7500	74478.32	7.16E-03	3.75E-05	4.54E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	10000	74478.32	7.16E-03	3.75E-05	6.02E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	240	74478.32	7.16E-03	3.75E-05	2.18E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	400	74478.32	7.16E-03	3.75E-05	3.15E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 2	400	150	800	74478.32	7.16E-03	3.75E-05	5.54E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	1500	74478.32	7.16E-03	3.75E-05	9.71E+00	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	3000	74478.32	7.16E-03	3.75E-05	1.86E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	5000	74478.32	7.16E-03	3.75E-05	3.05E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	7500	74478.32	7.16E-03	3.75E-05	4.54E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 2	400	150	10000	74478.32	7.16E-03	3.75E-05	6.02E+01	5.56E-08	1.87E-02	1.78E-08	7.73E-03	8.73E-05
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	240	75975.82	4.57E-03	5.19E-07	1.43E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	400	75975.82	4.57E-03	5.19E-07	2.17E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	800	75975.82	4.57E-03	5.19E-07	3.60E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	1500	75975.82	4.57E-03	5.19E-07	5.29E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	3000	75975.82	4.57E-03	5.19E-07	7.52E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	5000	75975.82	4.57E-03	5.19E-07	9.54E-01	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	7500	75975.82	4.57E-03	5.19E-07	1.16E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	80	10000	75975.82	4.57E-03	5.19E-07	1.34E+00	9.25E-09	3.62E-03	4.61E-10	1.59E-03	4.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	240	75975.82	4.90E-03	1.07E-06	2.84E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	400	75975.82	4.90E-03	1.07E-06	4.02E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	800	75975.82	4.90E-03	1.07E-06	5.99E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	1500	75975.82	4.90E-03	1.07E-06	8.14E-01	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	3000	75975.82	4.90E-03	1.07E-06	1.13E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	5000	75975.82	4.90E-03	1.07E-06	1.47E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	7500	75975.82	4.90E-03	1.07E-06	1.87E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	100	10000	75975.82	4.90E-03	1.07E-06	2.25E+00	1.16E-08	5.32E-03	8.48E-10	1.90E-03	7.29E-06
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	240	75975.82	5.24E-03	2.09E-06	4.73E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	400	75975.82	5.24E-03	2.09E-06	6.25E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	800	75975.82	5.24E-03	2.09E-06	8.71E-01	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	1500	75975.82	5.24E-03	2.09E-06	1.17E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	3000	75975.82	5.24E-03	2.09E-06	1.71E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	5000	75975.82	5.24E-03	2.09E-06	2.39E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	7500	75975.82	5.24E-03	2.09E-06	3.21E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	120	10000	75975.82	5.24E-03	2.09E-06	4.03E+00	1.39E-08	7.83E-03	1.56E-09	2.36E-03	1.16E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	240	75975.82	5.82E-03	5.53E-06	8.20E-01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	400	75975.82	5.82E-03	5.53E-06	1.04E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	800	75975.82	5.82E-03	5.53E-06	1.48E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	1500	75975.82	5.82E-03	5.53E-06	2.18E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	3000	75975.82	5.82E-03	5.53E-06	3.63E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	5000	75975.82	5.82E-03	5.53E-06	5.53E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	7500	75975.82	5.82E-03	5.53E-06	7.91E+00	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Spilker, Table 3	375	150	10000	75975.82	5.82E-03	5.53E-06	1.03E+01	1.73E-08	1.40E-02	3.91E-09	3.62E-03	2.18E-05
Matsuo	360	118	50	76874.32	4.57E-03	5.86E-07	4.94E-02	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	50	76874.32	4.57E-03	5.86E-07	4.94E-02	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	50	76874.32	4.57E-03	5.86E-07	4.94E-02	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	120	76874.32	4.57E-03	5.86E-07	1.11E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	120	76874.32	4.57E-03	5.86E-07	1.11E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	120	76874.32	4.57E-03	5.86E-07	1.11E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	240	76874.32	4.57E-03	5.86E-07	2.00E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	240	76874.32	4.57E-03	5.86E-07	2.00E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	240	76874.32	4.57E-03	5.86E-07	2.00E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	480	76874.32	4.57E-03	5.86E-07	3.35E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	480	76874.32	4.57E-03	5.86E-07	3.35E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	480	76874.32	4.57E-03	5.86E-07	3.35E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	960	76874.32	4.57E-03	5.86E-07	5.16E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	960	76874.32	4.57E-03	5.86E-07	5.16E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	960	76874.32	4.57E-03	5.86E-07	5.16E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	1920	76874.32	4.57E-03	5.86E-07	7.37E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	1920	76874.32	4.57E-03	5.86E-07	7.37E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	1920	76874.32	4.57E-03	5.86E-07	7.37E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	3000	76874.32	4.57E-03	5.86E-07	9.08E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	3000	76874.32	4.57E-03	5.86E-07	9.08E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	118	3000	76874.32	4.57E-03	5.86E-07	9.08E-01	6.48E-09	5.18E-03	5.67E-10	1.63E-03	4.62E-06
Matsuo	360	157	50	76874.32	5.22E-03	2.05E-06	1.71E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	50	76874.32	5.22E-03	2.05E-06	1.71E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	50	76874.32	5.22E-03	2.05E-06	1.71E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Matsuo	360	157	120	76874.32	5.22E-03	2.05E-06	3.33E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	120	76874.32	5.22E-03	2.05E-06	3.33E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	120	76874.32	5.22E-03	2.05E-06	3.33E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	240	76874.32	5.22E-03	2.05E-06	5.14E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	240	76874.32	5.22E-03	2.05E-06	5.14E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	240	76874.32	5.22E-03	2.05E-06	5.14E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	480	76874.32	5.22E-03	2.05E-06	7.34E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	480	76874.32	5.22E-03	2.05E-06	7.34E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	480	76874.32	5.22E-03	2.05E-06	7.34E-01	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	960	76874.32	5.22E-03	2.05E-06	1.02E+00	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	960	76874.32	5.22E-03	2.05E-06	1.02E+00	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	960	76874.32	5.22E-03	2.05E-06	1.02E+00	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	1920	76874.32	5.22E-03	2.05E-06	1.44E+00	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	1920	76874.32	5.22E-03	2.05E-06	1.44E+00	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	157	1920	76874.32	5.22E-03	2.05E-06	1.44E+00	8.63E-09	1.16E-02	1.84E-09	2.22E-03	1.03E-05
Matsuo	360	196	50	76874.32	5.96E-03	6.92E-06	4.37E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	50	76874.32	5.96E-03	6.92E-06	4.37E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	50	76874.32	5.96E-03	6.92E-06	4.37E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	120	76874.32	5.96E-03	6.92E-06	7.02E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	120	76874.32	5.96E-03	6.92E-06	7.02E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	120	76874.32	5.96E-03	6.92E-06	7.02E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	240	76874.32	5.96E-03	6.92E-06	9.71E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	240	76874.32	5.96E-03	6.92E-06	9.71E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	240	76874.32	5.96E-03	6.92E-06	9.71E-01	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	480	76874.32	5.96E-03	6.92E-06	1.37E+00	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	480	76874.32	5.96E-03	6.92E-06	1.37E+00	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	480	76874.32	5.96E-03	6.92E-06	1.37E+00	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	960	76874.32	5.96E-03	6.92E-06	2.07E+00	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	960	76874.32	5.96E-03	6.92E-06	2.07E+00	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	196	960	76874.32	5.96E-03	6.92E-06	2.07E+00	1.08E-08	2.58E-02	5.97E-09	3.58E-03	2.15E-05
Matsuo	360	235	50	76874.32	6.80E-03	2.32E-05	8.40E-01	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	50	76874.32	6.80E-03	2.32E-05	8.40E-01	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	50	76874.32	6.80E-03	2.32E-05	8.40E-01	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	120	76874.32	6.80E-03	2.32E-05	1.28E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	120	76874.32	6.80E-03	2.32E-05	1.28E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Matsuo	360	235	120	76874.32	6.80E-03	2.32E-05	1.28E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	240	76874.32	6.80E-03	2.32E-05	1.90E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	240	76874.32	6.80E-03	2.32E-05	1.90E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	240	76874.32	6.80E-03	2.32E-05	1.90E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	480	76874.32	6.80E-03	2.32E-05	3.08E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	480	76874.32	6.80E-03	2.32E-05	3.08E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	235	480	76874.32	6.80E-03	2.32E-05	3.08E+00	1.29E-08	5.76E-02	1.94E-08	6.05E-03	4.30E-05
Matsuo	360	275	50	76874.32	7.79E-03	7.97E-05	1.59E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	50	76874.32	7.79E-03	7.97E-05	1.59E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	50	76874.32	7.79E-03	7.97E-05	1.59E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	120	76874.32	7.79E-03	7.97E-05	2.83E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	120	76874.32	7.79E-03	7.97E-05	2.83E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	120	76874.32	7.79E-03	7.97E-05	2.83E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	240	76874.32	7.79E-03	7.97E-05	4.90E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	240	76874.32	7.79E-03	7.97E-05	4.90E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	240	76874.32	7.79E-03	7.97E-05	4.90E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	480	76874.32	7.79E-03	7.97E-05	9.02E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	480	76874.32	7.79E-03	7.97E-05	9.02E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Matsuo	360	275	480	76874.32	7.79E-03	7.97E-05	9.02E+00	1.51E-08	1.31E-01	6.48E-08	7.72E-03	8.63E-05
Mayuzumi	352.85	54.9	420	77302.60	3.46E-03	3.12E-08	1.40E-02	2.09E-09	1.09E-03	5.34E-11	1.09E-03	5.05E-07
Mayuzumi	352.85	54.9	800	77302.60	3.46E-03	3.12E-08	2.63E-02	2.09E-09	1.09E-03	5.34E-11	1.09E-03	5.05E-07
Mayuzumi	352.85	54.9	1600	77302.60	3.46E-03	3.12E-08	5.13E-02	2.09E-09	1.09E-03	5.34E-11	1.09E-03	5.05E-07
Mayuzumi	352.85	54.9	3200	77302.60	3.46E-03	3.12E-08	9.75E-02	2.09E-09	1.09E-03	5.34E-11	1.09E-03	5.05E-07
Mayuzumi	352.85	54.9	4800	77302.60	3.46E-03	3.12E-08	1.39E-01	2.09E-09	1.09E-03	5.34E-11	1.09E-03	5.05E-07
Mayuzumi	352.85	54.9	6400	77302.60	3.46E-03	3.12E-08	1.78E-01	2.09E-09	1.09E-03	5.34E-11	1.09E-03	5.05E-07
Mayuzumi	352.85	54.9	7400	77302.60	3.46E-03	3.12E-08	2.00E-01	2.09E-09	1.09E-03	5.34E-11	1.09E-03	5.05E-07
Mayuzumi	352.85	82.6	210	77302.60	3.80E-03	9.60E-08	2.87E-02	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	82.6	420	77302.60	3.80E-03	9.60E-08	5.58E-02	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	82.6	800	77302.60	3.80E-03	9.60E-08	1.01E-01	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	82.6	1600	77302.60	3.80E-03	9.60E-08	1.84E-01	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	82.6	3200	77302.60	3.80E-03	9.60E-08	3.12E-01	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	82.6	4800	77302.60	3.80E-03	9.60E-08	4.09E-01	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	82.6	6400	77302.60	3.80E-03	9.60E-08	4.87E-01	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	82.6	7400	77302.60	3.80E-03	9.60E-08	5.28E-01	3.14E-09	1.95E-03	1.23E-10	1.24E-03	1.25E-06
Mayuzumi	352.85	97.1	420	77302.60	3.99E-03	1.61E-07	9.88E-02	3.70E-09	2.66E-03	1.89E-10	1.32E-03	1.83E-06

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Mayuzumi	352.85	97.1	800	77302.60	3.99E-03	1.61E-07	1.73E-01	3.70E-09	2.66E-03	1.89E-10	1.32E-03	1.83E-06
Mayuzumi	352.85	97.1	1600	77302.60	3.99E-03	1.61E-07	2.96E-01	3.70E-09	2.66E-03	1.89E-10	1.32E-03	1.83E-06
Mayuzumi	352.85	97.1	3200	77302.60	3.99E-03	1.61E-07	4.66E-01	3.70E-09	2.66E-03	1.89E-10	1.32E-03	1.83E-06
Mayuzumi	352.85	97.1	4800	77302.60	3.99E-03	1.61E-07	5.85E-01	3.70E-09	2.66E-03	1.89E-10	1.32E-03	1.83E-06
Mayuzumi	352.85	97.1	6400	77302.60	3.99E-03	1.61E-07	6.77E-01	3.70E-09	2.66E-03	1.89E-10	1.32E-03	1.83E-06
Mayuzumi	352.85	97.1	7400	77302.60	3.99E-03	1.61E-07	7.26E-01	3.70E-09	2.66E-03	1.89E-10	1.32E-03	1.83E-06
Mayuzumi	352.85	114	50	77302.60	4.22E-03	2.84E-07	2.47E-02	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	210	77302.60	4.22E-03	2.84E-07	9.60E-02	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	420	77302.60	4.22E-03	2.84E-07	1.75E-01	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	800	77302.60	4.22E-03	2.84E-07	2.89E-01	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	1600	77302.60	4.22E-03	2.84E-07	4.57E-01	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	3200	77302.60	4.22E-03	2.84E-07	6.66E-01	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	4800	77302.60	4.22E-03	2.84E-07	8.09E-01	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	6400	77302.60	4.22E-03	2.84E-07	9.24E-01	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	352.85	114	7400	77302.60	4.22E-03	2.84E-07	9.89E-01	4.34E-09	3.80E-03	3.15E-10	1.43E-03	2.73E-06
Mayuzumi	401.85	59.7	50	74367.50	5.29E-03	1.69E-06	7.81E-02	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	100	74367.50	5.29E-03	1.69E-06	1.45E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	200	74367.50	5.29E-03	1.69E-06	2.54E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	400	74367.50	5.29E-03	1.69E-06	4.10E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	600	74367.50	5.29E-03	1.69E-06	5.22E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	800	74367.50	5.29E-03	1.69E-06	6.09E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	1000	74367.50	5.29E-03	1.69E-06	6.81E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	1200	74367.50	5.29E-03	1.69E-06	7.44E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	1600	74367.50	5.29E-03	1.69E-06	8.51E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	59.7	2000	74367.50	5.29E-03	1.69E-06	9.44E-01	2.41E-08	4.11E-03	1.18E-09	2.15E-03	9.70E-06
Mayuzumi	401.85	88.5	50	74367.50	5.86E-03	5.32E-06	2.61E-01	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	100	74367.50	5.86E-03	5.32E-06	4.20E-01	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	200	74367.50	5.86E-03	5.32E-06	6.20E-01	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	400	74367.50	5.86E-03	5.32E-06	8.65E-01	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	600	74367.50	5.86E-03	5.32E-06	1.05E+00	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	800	74367.50	5.86E-03	5.32E-06	1.20E+00	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	1000	74367.50	5.86E-03	5.32E-06	1.35E+00	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	1200	74367.50	5.86E-03	5.32E-06	1.49E+00	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	1600	74367.50	5.86E-03	5.32E-06	1.77E+00	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05
Mayuzumi	401.85	88.5	2000	74367.50	5.86E-03	5.32E-06	2.03E+00	3.57E-08	6.68E-03	2.91E-09	3.87E-03	2.37E-05

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Mayuzumi	401.85	104	50	74367.50	6.18E-03	9.24E-06	4.08E-01	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	100	74367.50	6.18E-03	9.24E-06	6.06E-01	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	200	74367.50	6.18E-03	9.24E-06	8.48E-01	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	400	74367.50	6.18E-03	9.24E-06	1.18E+00	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	600	74367.50	6.18E-03	9.24E-06	1.46E+00	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	800	74367.50	6.18E-03	9.24E-06	1.72E+00	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	1000	74367.50	6.18E-03	9.24E-06	1.97E+00	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	1200	74367.50	6.18E-03	9.24E-06	2.23E+00	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	1600	74367.50	6.18E-03	9.24E-06	2.73E+00	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	104	2000	74367.50	6.18E-03	9.24E-06	3.22E+00	4.19E-08	8.68E-03	4.72E-09	5.28E-03	3.52E-05
Mayuzumi	401.85	121	50	74367.50	6.56E-03	1.65E-05	5.96E-01	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	100	74367.50	6.56E-03	1.65E-05	8.35E-01	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	200	74367.50	6.56E-03	1.65E-05	1.16E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	400	74367.50	6.56E-03	1.65E-05	1.68E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	600	74367.50	6.56E-03	1.65E-05	2.18E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	800	74367.50	6.56E-03	1.65E-05	2.66E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	1000	74367.50	6.56E-03	1.65E-05	3.14E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	1200	74367.50	6.56E-03	1.65E-05	3.62E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	1600	74367.50	6.56E-03	1.65E-05	4.57E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Mayuzumi	401.85	121	2000	74367.50	6.56E-03	1.65E-05	5.52E+00	4.88E-08	1.16E-02	8.02E-09	6.70E-03	5.22E-05
Limback	385	80	120	75376.82	4.97E-03	1.12E-06	1.48E-01	1.49E-08	4.50E-03	8.41E-10	1.92E-03	7.52E-06
Limback	385	80	240	75376.82	4.97E-03	1.12E-06	2.59E-01	1.49E-08	4.50E-03	8.41E-10	1.92E-03	7.52E-06
Limback	385	80	360	75376.82	4.97E-03	1.12E-06	3.46E-01	1.49E-08	4.50E-03	8.41E-10	1.92E-03	7.52E-06
Limback	385	80	480	75376.82	4.97E-03	1.12E-06	4.17E-01	1.49E-08	4.50E-03	8.41E-10	1.92E-03	7.52E-06
Limback	385	120	120	75376.82	5.71E-03	4.54E-06	4.87E-01	2.24E-08	9.40E-03	2.88E-09	3.44E-03	2.04E-05
Limback	385	120	240	75376.82	5.71E-03	4.54E-06	7.01E-01	2.24E-08	9.40E-03	2.88E-09	3.44E-03	2.04E-05
Limback	385	120	360	75376.82	5.71E-03	4.54E-06	8.49E-01	2.24E-08	9.40E-03	2.88E-09	3.44E-03	2.04E-05
Limback	385	120	480	75376.82	5.71E-03	4.54E-06	9.71E-01	2.24E-08	9.40E-03	2.88E-09	3.44E-03	2.04E-05
Limback	330	120	120	78671.32	3.47E-03	4.71E-08	1.11E-02	1.33E-09	1.72E-03	7.81E-11	1.15E-03	7.30E-07
Limback	330	120	240	78671.32	3.47E-03	4.71E-08	2.20E-02	1.33E-09	1.72E-03	7.81E-11	1.15E-03	7.30E-07
Limback	330	120	360	78671.32	3.47E-03	4.71E-08	3.26E-02	1.33E-09	1.72E-03	7.81E-11	1.15E-03	7.30E-07
Limback	330	120	480	78671.32	3.47E-03	4.71E-08	4.30E-02	1.33E-09	1.72E-03	7.81E-11	1.15E-03	7.30E-07
Limback	330	120	600	78671.32	3.47E-03	4.71E-08	5.32E-02	1.33E-09	1.72E-03	7.81E-11	1.15E-03	7.30E-07
Limback	330	120	720	78671.32	3.47E-03	4.71E-08	6.32E-02	1.33E-09	1.72E-03	7.81E-11	1.15E-03	7.30E-07
Limback	330	120	960	78671.32	3.47E-03	4.71E-08	8.25E-02	1.33E-09	1.72E-03	7.81E-11	1.15E-03	7.30E-07

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Young's Modulus E (MPa)	Matsuo's Primary Strain	Matsuo's Steady-State Creep Rate (h^{-1})	Murty's Glide Creep Rate (h^{-1})	Murty's Coble Creep Rate (h^{-1})	Mayuzumi's Primary Strain	Mayuzumi's Steady-State Creep Rate (h^{-1})	Limback's Primary Strain	Limback Steady-State Creep Rate (h^{-1})
Limback	360	120	120	76874.32	4.60E-03	6.26E-07	1.18E-01	6.59E-09	5.39E-03	6.02E-10	1.65E-03	4.82E-06
Limback	360	120	240	76874.32	4.60E-03	6.26E-07	2.12E-01	6.59E-09	5.39E-03	6.02E-10	1.65E-03	4.82E-06
Limback	360	120	360	76874.32	4.60E-03	6.26E-07	2.88E-01	6.59E-09	5.39E-03	6.02E-10	1.65E-03	4.82E-06
Limback	360	120	480	76874.32	4.60E-03	6.26E-07	3.53E-01	6.59E-09	5.39E-03	6.02E-10	1.65E-03	4.82E-06
Limback	400	120	120	74478.32	6.45E-03	1.39E-05	8.40E-01	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Limback	400	120	240	74478.32	6.45E-03	1.39E-05	1.17E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Limback	400	120	360	74478.32	6.45E-03	1.39E-05	1.44E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05
Limback	400	120	480	74478.32	6.45E-03	1.39E-05	1.70E+00	4.45E-08	1.12E-02	6.99E-09	6.31E-03	4.62E-05

Table III-1. Calculated Relative Error for Each Correlation and Each Data Point

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	250	80	240	6.00E-02	9.97E-01	1.00E+00	1.00E+00	9.82E-01	N/A	N/A
Spilker, Table 2	250	80	400	6.00E-02	9.96E-01	1.00E+00	1.00E+00	9.77E-01	N/A	N/A
Spilker, Table 2	250	80	800	7.00E-02	9.95E-01	1.00E+00	1.00E+00	9.72E-01	N/A	N/A
Spilker, Table 2	250	80	1500	7.00E-02	9.94E-01	1.00E+00	1.00E+00	9.62E-01	N/A	N/A
Spilker, Table 2	250	80	3000	6.00E-02	9.90E-01	1.00E+00	9.99E-01	9.37E-01	N/A	N/A
Spilker, Table 2	250	80	5000	7.00E-02	9.89E-01	9.99E-01	9.99E-01	9.30E-01	N/A	N/A
Spilker, Table 2	250	80	7500	8.00E-02	9.88E-01	9.99E-01	9.98E-01	9.24E-01	N/A	N/A
Spilker, Table 2	250	80	10000	1.30E-01	9.91E-01	9.99E-01	9.99E-01	9.46E-01	N/A	N/A
Spilker, Table 2	250	80	240	6.00E-02	9.97E-01	1.00E+00	1.00E+00	9.82E-01	N/A	N/A
Spilker, Table 2	250	80	400	6.00E-02	9.96E-01	1.00E+00	1.00E+00	9.77E-01	N/A	N/A
Spilker, Table 2	250	80	800	7.00E-02	9.95E-01	1.00E+00	1.00E+00	9.72E-01	N/A	N/A
Spilker, Table 2	250	80	1500	7.00E-02	9.94E-01	1.00E+00	1.00E+00	9.62E-01	N/A	N/A
Spilker, Table 2	250	80	3000	6.00E-02	9.90E-01	1.00E+00	9.99E-01	9.37E-01	N/A	N/A
Spilker, Table 2	250	80	5000	6.00E-02	9.87E-01	9.99E-01	9.99E-01	9.18E-01	N/A	N/A
Spilker, Table 2	250	80	7500	1.10E-01	9.91E-01	1.00E+00	9.99E-01	9.45E-01	N/A	N/A
Spilker, Table 2	250	80	10000	1.30E-01	9.91E-01	9.99E-01	9.99E-01	9.46E-01	N/A	N/A
Spilker, Table 2	250	100	240	9.00E-02	9.97E-01	1.00E+00	1.00E+00	9.84E-01	5.51E-02	N/A
Spilker, Table 2	250	100	400	9.00E-02	9.96E-01	1.00E+00	1.00E+00	9.79E-01	1.37E-02	N/A
Spilker, Table 2	250	100	800	7.00E-02	9.93E-01	1.00E+00	1.00E+00	9.62E-01	4.34E-01	N/A
Spilker, Table 2	250	100	1500	8.00E-02	9.92E-01	1.00E+00	9.99E-01	9.54E-01	3.68E-01	N/A
Spilker, Table 2	250	100	3000	8.00E-02	9.88E-01	9.99E-01	9.99E-01	9.35E-01	5.05E-01	N/A
Spilker, Table 2	250	100	5000	8.00E-02	9.85E-01	9.99E-01	9.98E-01	9.16E-01	6.14E-01	N/A
Spilker, Table 2	250	100	7500	8.00E-02	9.82E-01	9.98E-01	9.97E-01	8.96E-01	7.07E-01	N/A
Spilker, Table 2	250	100	10000	1.20E-01	9.86E-01	9.99E-01	9.98E-01	9.20E-01	1.84E-01	N/A
Spilker, Table 2	250	100	240	6.00E-02	9.96E-01	1.00E+00	1.00E+00	9.76E-01	4.17E-01	N/A
Spilker, Table 2	250	100	400	8.00E-02	9.96E-01	1.00E+00	1.00E+00	9.77E-01	1.40E-01	N/A
Spilker, Table 2	250	100	800	9.00E-02	9.95E-01	1.00E+00	1.00E+00	9.70E-01	1.15E-01	N/A
Spilker, Table 2	250	100	1500	7.00E-02	9.91E-01	1.00E+00	9.99E-01	9.48E-01	5.63E-01	N/A
Spilker, Table 2	250	100	3000	7.00E-02	9.87E-01	9.99E-01	9.99E-01	9.26E-01	7.20E-01	N/A
Spilker, Table 2	250	100	5000	7.00E-02	9.83E-01	9.99E-01	9.98E-01	9.04E-01	8.45E-01	N/A
Spilker, Table 2	250	100	7500	8.00E-02	9.82E-01	9.98E-01	9.97E-01	8.96E-01	7.07E-01	N/A
Spilker, Table 2	250	100	10000	1.60E-01	9.89E-01	9.99E-01	9.98E-01	9.40E-01	1.12E-01	N/A
Spilker, Table 2	250	120	240	9.00E-02	9.96E-01	1.00E+00	1.00E+00	9.79E-01	1.33E-02	N/A
Spilker, Table 2	250	120	400	9.00E-02	9.94E-01	1.00E+00	1.00E+00	9.73E-01	9.42E-02	N/A

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	250	120	800	9.00E-02	9.92E-01	1.00E+00	9.99E-01	9.61E-01	2.14E-01	N/A
Spilker, Table 2	250	120	1500	7.00E-02	9.86E-01	9.99E-01	9.98E-01	9.31E-01	7.16E-01	N/A
Spilker, Table 2	250	120	3000	8.00E-02	9.83E-01	9.99E-01	9.98E-01	9.15E-01	6.67E-01	N/A
Spilker, Table 2	250	120	5000	8.00E-02	9.78E-01	9.98E-01	9.96E-01	8.89E-01	8.00E-01	N/A
Spilker, Table 2	250	120	7500	1.10E-01	9.81E-01	9.98E-01	9.96E-01	9.01E-01	3.91E-01	N/A
Spilker, Table 2	250	120	10000	1.40E-01	9.82E-01	9.98E-01	9.96E-01	9.09E-01	1.41E-01	N/A
Spilker, Table 2	250	120	240	8.00E-02	9.95E-01	1.00E+00	1.00E+00	9.76E-01	1.40E-01	N/A
Spilker, Table 2	250	120	400	8.00E-02	9.94E-01	1.00E+00	9.99E-01	9.69E-01	2.31E-01	N/A
Spilker, Table 2	250	120	800	9.00E-02	9.92E-01	1.00E+00	9.99E-01	9.61E-01	2.14E-01	N/A
Spilker, Table 2	250	120	1500	9.00E-02	9.89E-01	9.99E-01	9.99E-01	9.47E-01	3.35E-01	N/A
Spilker, Table 2	250	120	3000	7.00E-02	9.81E-01	9.99E-01	9.97E-01	9.02E-01	9.05E-01	N/A
Spilker, Table 2	250	120	5000	9.00E-02	9.81E-01	9.98E-01	9.97E-01	9.01E-01	6.00E-01	N/A
Spilker, Table 2	250	120	7500	1.10E-01	9.81E-01	9.98E-01	9.96E-01	9.01E-01	3.91E-01	N/A
Spilker, Table 2	250	120	10000	1.50E-01	9.84E-01	9.98E-01	9.96E-01	9.15E-01	6.53E-02	N/A
Spilker, Table 2	250	150	240	8.00E-02	9.92E-01	1.00E+00	9.99E-01	9.66E-01	N/A	N/A
Spilker, Table 2	250	150	400	1.00E-01	9.91E-01	1.00E+00	9.99E-01	9.65E-01	N/A	N/A
Spilker, Table 2	250	150	800	1.00E-01	9.88E-01	9.99E-01	9.98E-01	9.50E-01	N/A	N/A
Spilker, Table 2	250	150	1500	1.00E-01	9.83E-01	9.99E-01	9.97E-01	9.31E-01	N/A	N/A
Spilker, Table 2	250	150	3000	1.00E-01	9.77E-01	9.97E-01	9.94E-01	9.02E-01	N/A	N/A
Spilker, Table 2	250	150	5000	1.20E-01	9.75E-01	9.96E-01	9.93E-01	8.93E-01	N/A	N/A
Spilker, Table 2	250	150	7500	1.30E-01	9.72E-01	9.95E-01	9.91E-01	8.78E-01	N/A	N/A
Spilker, Table 2	250	150	10000	1.50E-01	9.72E-01	9.94E-01	9.91E-01	8.78E-01	N/A	N/A
Spilker, Table 2	250	150	240	1.00E-01	9.93E-01	1.00E+00	9.99E-01	9.73E-01	N/A	N/A
Spilker, Table 2	250	150	400	1.10E-01	9.92E-01	1.00E+00	9.99E-01	9.68E-01	N/A	N/A
Spilker, Table 2	250	150	800	1.10E-01	9.89E-01	9.99E-01	9.98E-01	9.54E-01	N/A	N/A
Spilker, Table 2	250	150	1500	1.10E-01	9.85E-01	9.99E-01	9.97E-01	9.37E-01	N/A	N/A
Spilker, Table 2	250	150	3000	1.10E-01	9.79E-01	9.98E-01	9.95E-01	9.10E-01	N/A	N/A
Spilker, Table 2	250	150	5000	1.40E-01	9.79E-01	9.97E-01	9.94E-01	9.09E-01	N/A	N/A
Spilker, Table 2	250	150	7500	1.70E-01	9.78E-01	9.96E-01	9.93E-01	9.07E-01	N/A	N/A
Spilker, Table 2	250	150	10000	1.80E-01	9.76E-01	9.95E-01	9.92E-01	8.98E-01	N/A	N/A
Spilker, Table 2	300	80	240	6.00E-02	9.21E-01	9.95E-01	9.73E-01	8.01E-01	N/A	6.16E-01
Spilker, Table 2	300	80	400	8.00E-02	9.23E-01	9.94E-01	9.72E-01	8.08E-01	N/A	6.52E-01
Spilker, Table 2	300	80	800	8.00E-02	8.92E-01	9.87E-01	9.56E-01	7.27E-01	N/A	5.63E-01
Spilker, Table 2	300	80	1500	1.10E-01	8.93E-01	9.83E-01	9.53E-01	7.27E-01	N/A	6.18E-01
Spilker, Table 2	300	80	3000	9.00E-02	8.16E-01	9.58E-01	9.10E-01	5.21E-01	N/A	4.40E-01
Spilker, Table 2	300	80	5000	1.10E-01	8.07E-01	9.43E-01	8.98E-01	4.85E-01	N/A	4.82E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	300	80	7500	1.90E-01	8.64E-01	9.51E-01	9.23E-01	6.26E-01	N/A	6.72E-01
Spilker, Table 2	300	80	10000	2.30E-01	8.71E-01	9.46E-01	9.23E-01	6.36E-01	N/A	7.12E-01
Spilker, Table 2	300	80	240	7.00E-02	9.32E-01	9.96E-01	9.77E-01	8.30E-01	N/A	6.70E-01
Spilker, Table 2	300	80	400	7.00E-02	9.12E-01	9.93E-01	9.68E-01	7.80E-01	N/A	6.02E-01
Spilker, Table 2	300	80	800	9.00E-02	9.04E-01	9.89E-01	9.61E-01	7.57E-01	N/A	6.11E-01
Spilker, Table 2	300	80	1500	1.00E-01	8.82E-01	9.81E-01	9.48E-01	6.99E-01	N/A	5.79E-01
Spilker, Table 2	300	80	3000	9.00E-02	8.16E-01	9.58E-01	9.10E-01	5.21E-01	N/A	4.40E-01
Spilker, Table 2	300	80	5000	1.20E-01	8.23E-01	9.48E-01	9.06E-01	5.28E-01	N/A	5.25E-01
Spilker, Table 2	300	80	7500	1.60E-01	8.39E-01	9.42E-01	9.09E-01	5.56E-01	N/A	6.10E-01
Spilker, Table 2	300	80	10000	1.90E-01	8.44E-01	9.35E-01	9.07E-01	5.59E-01	N/A	6.51E-01
Spilker, Table 2	300	100	240	1.10E-01	9.35E-01	9.94E-01	9.67E-01	8.52E-01	1.80E-01	7.19E-01
Spilker, Table 2	300	100	400	1.10E-01	9.16E-01	9.89E-01	9.55E-01	8.08E-01	3.17E-01	6.62E-01
Spilker, Table 2	300	100	800	1.20E-01	8.92E-01	9.81E-01	9.37E-01	7.51E-01	4.01E-01	6.13E-01
Spilker, Table 2	300	100	1500	1.40E-01	8.74E-01	9.69E-01	9.22E-01	7.06E-01	3.74E-01	6.04E-01
Spilker, Table 2	300	100	3000	1.30E-01	8.10E-01	9.34E-01	8.75E-01	5.43E-01	7.17E-01	4.92E-01
Spilker, Table 2	300	100	5000	1.60E-01	8.02E-01	9.11E-01	8.65E-01	5.09E-01	5.57E-01	5.35E-01
Spilker, Table 2	300	100	7500	2.00E-01	8.08E-01	8.94E-01	8.63E-01	5.03E-01	3.59E-01	5.94E-01
Spilker, Table 2	300	100	10000	2.90E-01	8.49E-01	9.03E-01	8.88E-01	5.92E-01	3.10E-03	7.03E-01
Spilker, Table 2	300	100	240	1.20E-01	9.40E-01	9.94E-01	9.70E-01	8.64E-01	8.15E-02	7.42E-01
Spilker, Table 2	300	100	400	1.20E-01	9.23E-01	9.90E-01	9.59E-01	8.24E-01	2.07E-01	6.90E-01
Spilker, Table 2	300	100	800	1.30E-01	9.00E-01	9.82E-01	9.42E-01	7.70E-01	2.93E-01	6.43E-01
Spilker, Table 2	300	100	1500	1.40E-01	8.74E-01	9.69E-01	9.22E-01	7.06E-01	3.74E-01	6.04E-01
Spilker, Table 2	300	100	3000	1.40E-01	8.23E-01	9.38E-01	8.84E-01	5.76E-01	5.95E-01	5.28E-01
Spilker, Table 2	300	100	5000	1.80E-01	8.24E-01	9.21E-01	8.80E-01	5.63E-01	3.84E-01	5.87E-01
Spilker, Table 2	300	100	7500	2.40E-01	8.40E-01	9.11E-01	8.86E-01	5.86E-01	1.32E-01	6.62E-01
Spilker, Table 2	300	100	10000	2.90E-01	8.49E-01	9.03E-01	8.88E-01	5.92E-01	3.10E-03	7.03E-01
Spilker, Table 2	300	120	240	1.20E-01	9.12E-01	9.88E-01	9.32E-01	8.21E-01	3.11E-01	6.64E-01
Spilker, Table 2	300	120	400	1.20E-01	8.87E-01	9.80E-01	9.09E-01	7.69E-01	4.89E-01	5.98E-01
Spilker, Table 2	300	120	800	1.60E-01	8.81E-01	9.70E-01	9.00E-01	7.54E-01	3.28E-01	6.26E-01
Spilker, Table 2	300	120	1500	1.80E-01	8.57E-01	9.49E-01	8.76E-01	6.98E-01	3.81E-01	6.05E-01
Spilker, Table 2	300	120	3000	1.90E-01	8.11E-01	9.05E-01	8.34E-01	5.85E-01	5.56E-01	5.56E-01
Spilker, Table 2	300	120	5000	2.10E-01	7.82E-01	8.59E-01	8.07E-01	4.98E-01	6.00E-01	5.50E-01
Spilker, Table 2	300	120	7500	2.70E-01	7.95E-01	8.37E-01	8.15E-01	5.02E-01	3.77E-01	6.19E-01
Spilker, Table 2	300	120	10000	3.30E-01	8.09E-01	8.25E-01	8.23E-01	5.10E-01	2.10E-01	6.70E-01
Spilker, Table 2	300	120	240	1.20E-01	9.12E-01	9.88E-01	9.32E-01	8.21E-01	3.11E-01	6.64E-01
Spilker, Table 2	300	120	400	1.30E-01	8.96E-01	9.81E-01	9.16E-01	7.87E-01	3.75E-01	6.29E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	300	120	800	1.50E-01	8.73E-01	9.67E-01	8.93E-01	7.38E-01	4.17E-01	6.01E-01
Spilker, Table 2	300	120	1500	1.70E-01	8.48E-01	9.46E-01	8.69E-01	6.80E-01	4.63E-01	5.81E-01
Spilker, Table 2	300	120	3000	1.90E-01	8.11E-01	9.05E-01	8.34E-01	5.85E-01	5.56E-01	5.56E-01
Spilker, Table 2	300	120	5000	2.20E-01	7.92E-01	8.65E-01	8.16E-01	5.21E-01	5.27E-01	5.70E-01
Spilker, Table 2	300	120	7500	3.00E-01	8.16E-01	8.54E-01	8.34E-01	5.51E-01	2.39E-01	6.57E-01
Spilker, Table 2	300	120	10000	3.20E-01	8.03E-01	8.20E-01	8.18E-01	4.95E-01	2.48E-01	6.60E-01
Spilker, Table 2	300	150	240	1.50E-01	8.78E-01	9.73E-01	8.22E-01	7.94E-01	N/A	6.11E-01
Spilker, Table 2	300	150	400	1.50E-01	8.44E-01	9.54E-01	7.70E-01	7.34E-01	N/A	5.38E-01
Spilker, Table 2	300	150	800	2.10E-01	8.44E-01	9.35E-01	7.74E-01	7.30E-01	N/A	5.95E-01
Spilker, Table 2	300	150	1500	2.20E-01	7.99E-01	8.86E-01	7.20E-01	6.42E-01	N/A	5.44E-01
Spilker, Table 2	300	150	3000	2.60E-01	7.65E-01	8.12E-01	6.92E-01	5.53E-01	N/A	5.47E-01
Spilker, Table 2	300	150	5000	3.20E-01	7.59E-01	7.53E-01	6.94E-01	5.06E-01	N/A	5.90E-01
Spilker, Table 2	300	150	7500	4.20E-01	7.80E-01	7.28E-01	7.21E-01	5.09E-01	N/A	6.62E-01
Spilker, Table 2	300	150	10000	4.50E-01	7.66E-01	6.74E-01	7.00E-01	4.41E-01	N/A	6.67E-01
Spilker, Table 2	300	150	240	1.60E-01	8.86E-01	9.74E-01	8.34E-01	8.07E-01	N/A	6.35E-01
Spilker, Table 2	300	150	400	1.80E-01	8.70E-01	9.62E-01	8.08E-01	7.78E-01	N/A	6.15E-01
Spilker, Table 2	300	150	800	2.30E-01	8.58E-01	9.41E-01	7.93E-01	7.54E-01	N/A	6.30E-01
Spilker, Table 2	300	150	1500	2.40E-01	8.16E-01	8.95E-01	7.43E-01	6.71E-01	N/A	5.82E-01
Spilker, Table 2	300	150	3000	2.70E-01	7.74E-01	8.19E-01	7.03E-01	5.70E-01	N/A	5.63E-01
Spilker, Table 2	300	150	5000	3.30E-01	7.66E-01	7.60E-01	7.03E-01	5.21E-01	N/A	6.02E-01
Spilker, Table 2	300	150	7500	4.40E-01	7.90E-01	7.41E-01	7.34E-01	5.32E-01	N/A	6.77E-01
Spilker, Table 2	300	150	10000	5.00E-01	7.90E-01	7.07E-01	7.30E-01	4.97E-01	N/A	7.00E-01
Spilker, Table 2	350	80	240	1.90E-01	6.24E-01	8.77E-01	6.40E-01	5.32E-01	N/A	7.66E-01
Spilker, Table 2	350	80	400	2.20E-01	5.90E-01	8.26E-01	5.89E-01	4.74E-01	N/A	7.41E-01
Spilker, Table 2	350	80	800	2.60E-01	5.28E-01	7.16E-01	5.01E-01	3.48E-01	N/A	7.02E-01
Spilker, Table 2	350	80	1500	3.20E-01	4.98E-01	5.94E-01	4.47E-01	2.21E-01	N/A	6.89E-01
Spilker, Table 2	350	80	3000	4.10E-01	4.79E-01	4.38E-01	3.92E-01	1.30E-02	N/A	6.86E-01
Spilker, Table 2	350	80	5000	4.90E-01	4.67E-01	3.15E-01	3.32E-01	2.32E-01	N/A	6.86E-01
Spilker, Table 2	350	80	7500	6.10E-01	4.99E-01	2.84E-01	3.17E-01	3.92E-01	N/A	7.11E-01
Spilker, Table 2	350	80	10000	7.40E-01	5.38E-01	3.01E-01	3.20E-01	4.77E-01	N/A	7.39E-01
Spilker, Table 2	350	80	240	2.00E-01	6.43E-01	8.83E-01	6.58E-01	5.55E-01	N/A	7.77E-01
Spilker, Table 2	350	80	400	2.30E-01	6.08E-01	8.33E-01	6.07E-01	4.97E-01	N/A	7.52E-01
Spilker, Table 2	350	80	800	2.70E-01	5.45E-01	7.27E-01	5.20E-01	3.72E-01	N/A	7.13E-01
Spilker, Table 2	350	80	1500	3.20E-01	4.98E-01	5.94E-01	4.47E-01	2.21E-01	N/A	6.89E-01
Spilker, Table 2	350	80	3000	4.10E-01	4.79E-01	4.38E-01	3.92E-01	1.30E-02	N/A	6.86E-01
Spilker, Table 2	350	80	5000	4.90E-01	4.67E-01	3.15E-01	3.32E-01	2.32E-01	N/A	6.86E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	350	80	7500	6.50E-01	5.30E-01	3.28E-01	3.59E-01	3.06E-01	N/A	7.29E-01
Spilker, Table 2	350	80	10000	7.40E-01	5.38E-01	3.01E-01	3.20E-01	4.77E-01	N/A	7.39E-01
Spilker, Table 2	350	100	240	2.90E-01	6.37E-01	8.17E-01	5.26E-01	5.75E-01	2.06E-01	7.74E-01
Spilker, Table 2	350	100	400	3.10E-01	5.74E-01	7.24E-01	4.30E-01	4.78E-01	3.80E-01	7.29E-01
Spilker, Table 2	350	100	800	4.00E-01	5.57E-01	6.06E-01	3.96E-01	3.94E-01	4.07E-01	7.14E-01
Spilker, Table 2	350	100	1500	4.80E-01	5.24E-01	4.58E-01	3.42E-01	2.34E-01	5.04E-01	6.92E-01
Spilker, Table 2	350	100	3000	6.30E-01	5.25E-01	3.34E-01	3.18E-01	1.27E-02	5.07E-01	6.95E-01
Spilker, Table 2	350	100	5000	8.10E-01	5.52E-01	3.03E-01	3.09E-01	1.78E-01	4.35E-01	7.16E-01
Spilker, Table 2	350	100	7500	1.04E+00	5.92E-01	3.32E-01	3.11E-01	3.15E-01	3.12E-01	7.46E-01
Spilker, Table 2	350	100	10000	1.24E+00	6.16E-01	3.57E-01	2.98E-01	4.36E-01	2.33E-01	7.66E-01
Spilker, Table 2	350	100	240	2.60E-01	5.95E-01	7.96E-01	4.71E-01	5.25E-01	3.45E-01	7.48E-01
Spilker, Table 2	350	100	400	3.10E-01	5.74E-01	7.24E-01	4.30E-01	4.78E-01	3.80E-01	7.29E-01
Spilker, Table 2	350	100	800	3.90E-01	5.46E-01	5.96E-01	3.81E-01	3.79E-01	4.43E-01	7.07E-01
Spilker, Table 2	350	100	1500	4.80E-01	5.24E-01	4.58E-01	3.42E-01	2.34E-01	5.04E-01	6.92E-01
Spilker, Table 2	350	100	3000	6.30E-01	5.25E-01	3.34E-01	3.18E-01	1.27E-02	5.07E-01	6.95E-01
Spilker, Table 2	350	100	5000	8.10E-01	5.52E-01	3.03E-01	3.09E-01	1.78E-01	4.35E-01	7.16E-01
Spilker, Table 2	350	100	7500	9.80E-01	5.67E-01	2.91E-01	2.69E-01	3.96E-01	3.92E-01	7.31E-01
Spilker, Table 2	350	100	10000	1.17E+00	5.93E-01	3.19E-01	2.56E-01	5.22E-01	3.07E-01	7.52E-01
Spilker, Table 2	350	120	240	3.50E-01	5.70E-01	6.92E-01	2.34E-01	5.25E-01	4.29E-01	7.31E-01
Spilker, Table 2	350	120	400	4.30E-01	5.66E-01	6.11E-01	2.28E-01	4.88E-01	4.72E-01	7.18E-01
Spilker, Table 2	350	120	800	5.40E-01	5.43E-01	4.67E-01	2.03E-01	3.73E-01	6.14E-01	6.93E-01
Spilker, Table 2	350	120	1500	7.10E-01	5.58E-01	3.82E-01	2.38E-01	2.54E-01	6.40E-01	6.97E-01
Spilker, Table 2	350	120	3000	9.40E-01	5.68E-01	3.15E-01	2.29E-01	1.39E-02	7.05E-01	7.02E-01
Spilker, Table 2	350	120	5000	1.22E+00	5.95E-01	3.25E-01	2.20E-01	1.91E-01	6.62E-01	7.24E-01
Spilker, Table 2	350	120	7500	1.55E+00	6.24E-01	3.58E-01	2.05E-01	3.60E-01	5.77E-01	7.50E-01
Spilker, Table 2	350	120	10000	1.84E+00	6.39E-01	3.79E-01	1.78E-01	5.02E-01	5.17E-01	7.68E-01
Spilker, Table 2	350	120	240	3.70E-01	5.93E-01	7.09E-01	2.75E-01	5.51E-01	3.52E-01	7.46E-01
Spilker, Table 2	350	120	400	4.30E-01	5.66E-01	6.11E-01	2.28E-01	4.88E-01	4.72E-01	7.18E-01
Spilker, Table 2	350	120	800	5.70E-01	5.68E-01	4.95E-01	2.45E-01	4.06E-01	5.29E-01	7.09E-01
Spilker, Table 2	350	120	1500	7.30E-01	5.70E-01	3.99E-01	2.59E-01	2.75E-01	5.95E-01	7.05E-01
Spilker, Table 2	350	120	3000	9.50E-01	5.72E-01	3.22E-01	2.37E-01	2.42E-02	6.87E-01	7.05E-01
Spilker, Table 2	350	120	5000	1.23E+00	5.98E-01	3.30E-01	2.26E-01	1.81E-01	6.49E-01	7.26E-01
Spilker, Table 2	350	120	7500	1.58E+00	6.31E-01	3.70E-01	2.20E-01	3.34E-01	5.47E-01	7.55E-01
Spilker, Table 2	350	120	10000	1.86E+00	6.43E-01	3.86E-01	1.87E-01	4.86E-01	5.01E-01	7.71E-01
Spilker, Table 2	350	150	240	5.90E-01	5.84E-01	5.61E-01	1.41E-01	5.68E-01	N/A	7.30E-01
Spilker, Table 2	350	150	400	7.20E-01	5.85E-01	4.85E-01	8.70E-02	5.22E-01	N/A	7.13E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	350	150	800	9.60E-01	5.98E-01	4.15E-01	1.54E-02	4.28E-01	N/A	7.04E-01
Spilker, Table 2	350	150	1500	1.27E+00	6.18E-01	3.95E-01	9.07E-02	2.95E-01	N/A	7.07E-01
Spilker, Table 2	350	150	3000	1.79E+00	6.46E-01	4.06E-01	1.22E-01	8.94E-02	N/A	7.27E-01
Spilker, Table 2	350	150	5000	2.40E+00	6.68E-01	4.27E-01	1.16E-01	8.62E-02	N/A	7.54E-01
Spilker, Table 2	350	150	7500	3.20E+00	6.92E-01	4.58E-01	1.22E-01	1.96E-01	N/A	7.87E-01
Spilker, Table 2	350	150	10000	3.78E+00	6.92E-01	4.50E-01	7.44E-02	3.36E-01	N/A	8.01E-01
Spilker, Table 2	350	150	240	5.90E-01	5.84E-01	5.61E-01	1.41E-01	5.68E-01	N/A	7.30E-01
Spilker, Table 2	350	150	400	7.10E-01	5.79E-01	4.77E-01	1.02E-01	5.15E-01	N/A	7.09E-01
Spilker, Table 2	350	150	800	9.60E-01	5.98E-01	4.15E-01	1.54E-02	4.28E-01	N/A	7.04E-01
Spilker, Table 2	350	150	1500	1.26E+00	6.15E-01	3.90E-01	8.35E-02	2.89E-01	N/A	7.05E-01
Spilker, Table 2	350	150	3000	1.67E+00	6.20E-01	3.63E-01	5.92E-02	2.40E-02	N/A	7.07E-01
Spilker, Table 2	350	150	5000	2.08E+00	6.17E-01	3.38E-01	2.02E-02	2.53E-01	N/A	7.16E-01
Spilker, Table 2	350	150	7500	2.41E+00	5.92E-01	2.80E-01	1.66E-01	5.88E-01	N/A	7.17E-01
Spilker, Table 2	350	150	10000	2.55E+00	5.43E-01	1.85E-01	3.72E-01	9.80E-01	N/A	7.05E-01
Spilker, Table 2	375	80	240	4.30E-01	5.03E-01	6.68E-01	4.75E-01	4.60E-01	N/A	8.52E-01
Spilker, Table 2	375	80	400	5.00E-01	4.76E-01	5.64E-01	4.11E-01	3.75E-01	N/A	8.31E-01
Spilker, Table 2	375	80	800	6.60E-01	4.84E-01	4.53E-01	3.68E-01	2.50E-01	N/A	8.17E-01
Spilker, Table 2	375	80	1500	8.80E-01	5.14E-01	3.98E-01	3.48E-01	9.04E-02	N/A	8.14E-01
Spilker, Table 2	375	80	3000	1.29E+00	5.70E-01	4.15E-01	3.42E-01	1.21E-01	N/A	8.26E-01
Spilker, Table 2	375	80	5000	1.69E+00	5.95E-01	4.33E-01	2.97E-01	3.64E-01	N/A	8.34E-01
Spilker, Table 2	375	80	7500	2.05E+00	5.96E-01	4.31E-01	2.17E-01	6.47E-01	N/A	8.38E-01
Spilker, Table 2	375	80	10000	2.71E+00	6.44E-01	5.01E-01	2.55E-01	6.42E-01	N/A	8.62E-01
Spilker, Table 2	375	80	240	3.90E-01	4.52E-01	6.34E-01	4.21E-01	4.04E-01	N/A	8.37E-01
Spilker, Table 2	375	80	400	4.80E-01	4.55E-01	5.46E-01	3.87E-01	3.49E-01	N/A	8.24E-01
Spilker, Table 2	375	80	800	6.40E-01	4.68E-01	4.36E-01	3.49E-01	2.27E-01	N/A	8.11E-01
Spilker, Table 2	375	80	1500	8.40E-01	4.91E-01	3.69E-01	3.17E-01	4.71E-02	N/A	8.05E-01
Spilker, Table 2	375	80	3000	1.30E+00	5.74E-01	4.19E-01	3.47E-01	1.12E-01	N/A	8.27E-01
Spilker, Table 2	375	80	5000	1.66E+00	5.88E-01	4.22E-01	2.84E-01	3.88E-01	N/A	8.31E-01
Spilker, Table 2	375	80	7500	2.14E+00	6.13E-01	4.55E-01	2.50E-01	5.78E-01	N/A	8.44E-01
Spilker, Table 2	375	80	10000	2.67E+00	6.38E-01	4.94E-01	2.43E-01	6.67E-01	N/A	8.60E-01
Spilker, Table 2	375	100	240	6.70E-01	5.49E-01	5.76E-01	3.71E-01	4.88E-01	8.22E-02	8.52E-01
Spilker, Table 2	375	100	400	8.00E-01	5.44E-01	4.97E-01	3.36E-01	4.12E-01	1.87E-01	8.33E-01
Spilker, Table 2	375	100	800	1.13E+00	5.86E-01	4.69E-01	3.62E-01	3.19E-01	2.13E-01	8.28E-01
Spilker, Table 2	375	100	1500	1.55E+00	6.21E-01	4.74E-01	3.73E-01	1.72E-01	2.33E-01	8.28E-01
Spilker, Table 2	375	100	3000	2.39E+00	6.72E-01	5.27E-01	3.95E-01	4.99E-03	1.53E-01	8.44E-01
Spilker, Table 2	375	100	5000	3.24E+00	6.88E-01	5.44E-01	3.65E-01	1.84E-01	1.14E-01	8.54E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	375	100	7500	4.24E+00	6.97E-01	5.57E-01	3.34E-01	3.35E-01	5.51E-02	8.67E-01
Spilker, Table 2	375	100	10000	5.33E+00	7.09E-01	5.75E-01	3.27E-01	4.04E-01	2.28E-02	8.79E-01
Spilker, Table 2	375	100	240	6.60E-01	5.42E-01	5.70E-01	3.62E-01	4.80E-01	9.86E-02	8.50E-01
Spilker, Table 2	375	100	400	8.00E-01	5.44E-01	4.97E-01	3.36E-01	4.12E-01	1.87E-01	8.33E-01
Spilker, Table 2	375	100	800	1.13E+00	5.86E-01	4.69E-01	3.62E-01	3.19E-01	2.13E-01	8.28E-01
Spilker, Table 2	375	100	1500	1.54E+00	6.18E-01	4.70E-01	3.69E-01	1.67E-01	2.41E-01	8.27E-01
Spilker, Table 2	375	100	3000	2.37E+00	6.69E-01	5.23E-01	3.90E-01	3.40E-03	1.63E-01	8.43E-01
Spilker, Table 2	375	100	5000	3.24E+00	6.88E-01	5.44E-01	3.65E-01	1.84E-01	1.14E-01	8.54E-01
Spilker, Table 2	375	100	7500	4.21E+00	6.95E-01	5.54E-01	3.29E-01	3.45E-01	6.27E-02	8.66E-01
Spilker, Table 2	375	100	10000	5.30E+00	7.07E-01	5.72E-01	3.23E-01	4.12E-01	1.72E-02	8.79E-01
Spilker, Table 2	375	120	240	1.00E+00	5.89E-01	5.27E-01	2.47E-01	5.00E-01	1.05E-01	8.47E-01
Spilker, Table 2	375	120	400	1.29E+00	6.19E-01	5.15E-01	2.89E-01	4.62E-01	1.67E-01	8.39E-01
Spilker, Table 2	375	120	800	1.85E+00	6.60E-01	5.28E-01	3.49E-01	3.70E-01	2.39E-01	8.33E-01
Spilker, Table 2	375	120	1500	2.69E+00	6.99E-01	5.63E-01	3.97E-01	2.64E-01	2.46E-01	8.40E-01
Spilker, Table 2	375	120	3000	4.36E+00	7.38E-01	6.06E-01	4.33E-01	1.46E-01	1.70E-01	8.59E-01
Spilker, Table 2	375	120	5000	6.07E+00	7.42E-01	6.06E-01	4.08E-01	3.40E-03	1.45E-01	8.70E-01
Spilker, Table 2	375	120	7500	7.47E+00	7.20E-01	5.69E-01	3.30E-01	1.99E-01	1.90E-01	8.71E-01
Spilker, Table 2	375	120	10000	1.02E+01	7.43E-01	6.03E-01	3.70E-01	1.66E-01	4.01E-02	8.91E-01
Spilker, Table 2	375	120	240	9.80E-01	5.80E-01	5.17E-01	2.31E-01	4.90E-01	1.28E-01	8.44E-01
Spilker, Table 2	375	120	400	1.27E+00	6.13E-01	5.08E-01	2.78E-01	4.53E-01	1.86E-01	8.36E-01
Spilker, Table 2	375	120	800	1.78E+00	6.46E-01	5.10E-01	3.23E-01	3.46E-01	2.87E-01	8.27E-01
Spilker, Table 2	375	120	1500	2.57E+00	6.85E-01	5.42E-01	3.69E-01	2.30E-01	3.05E-01	8.32E-01
Spilker, Table 2	375	120	3000	4.23E+00	7.30E-01	5.94E-01	4.16E-01	1.20E-01	2.06E-01	8.55E-01
Spilker, Table 2	375	120	5000	5.96E+00	7.37E-01	5.99E-01	3.97E-01	1.50E-02	1.66E-01	8.67E-01
Spilker, Table 2	375	120	7500	7.47E+00	7.20E-01	5.69E-01	3.30E-01	1.99E-01	1.90E-01	8.71E-01
Spilker, Table 2	375	120	10000	1.01E+01	7.42E-01	6.01E-01	3.67E-01	1.71E-01	4.42E-02	8.91E-01
Spilker, Table 2	375	150	240	1.96E+00	6.80E-01	5.81E-01	1.59E-01	5.53E-01	N/A	8.50E-01
Spilker, Table 2	375	150	400	2.55E+00	7.05E-01	5.92E-01	2.43E-01	5.17E-01	N/A	8.40E-01
Spilker, Table 2	375	150	800	3.85E+00	7.39E-01	6.14E-01	3.46E-01	4.53E-01	N/A	8.37E-01
Spilker, Table 2	375	150	1500	5.85E+00	7.60E-01	6.27E-01	4.01E-01	3.79E-01	N/A	8.45E-01
Spilker, Table 2	375	150	3000	1.01E+01	7.78E-01	6.40E-01	4.43E-01	3.16E-01	N/A	8.66E-01
Spilker, Table 2	375	150	5000	1.46E+01	7.70E-01	6.20E-01	4.22E-01	2.28E-01	N/A	N/A
Spilker, Table 2	375	150	7500	1.98E+01	7.60E-01	5.99E-01	3.95E-01	1.54E-01	N/A	N/A
Spilker, Table 2	375	150	10000	2.51E+01	7.57E-01	5.90E-01	3.85E-01	1.19E-01	N/A	N/A
Spilker, Table 2	375	150	240	1.92E+00	6.73E-01	5.73E-01	1.42E-01	5.44E-01	N/A	8.47E-01
Spilker, Table 2	375	150	400	2.50E+00	6.99E-01	5.83E-01	2.28E-01	5.08E-01	N/A	8.36E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	375	150	800	3.71E+00	7.29E-01	6.00E-01	3.21E-01	4.33E-01	N/A	8.31E-01
Spilker, Table 2	375	150	1500	5.56E+00	7.47E-01	6.07E-01	3.69E-01	3.47E-01	N/A	8.37E-01
Spilker, Table 2	375	150	3000	9.68E+00	7.68E-01	6.25E-01	4.20E-01	2.87E-01	N/A	8.61E-01
Spilker, Table 2	375	150	5000	1.40E+01	7.61E-01	6.05E-01	3.99E-01	1.97E-01	N/A	N/A
Spilker, Table 2	375	150	7500	1.93E+01	7.55E-01	5.90E-01	3.82E-01	1.36E-01	N/A	N/A
Spilker, Table 2	375	150	10000	2.49E+01	7.54E-01	5.85E-01	3.78E-01	1.09E-01	N/A	N/A
Spilker, Table 2	400	80	240	6.30E-01	1.83E-01	1.73E-01	1.32E-01	1.04E-01	N/A	8.53E-01
Spilker, Table 2	400	80	400	8.40E-01	2.70E-01	1.90E-01	1.34E-01	1.58E-01	N/A	8.46E-01
Spilker, Table 2	400	80	800	1.23E+00	3.54E-01	2.32E-01	1.15E-01	3.45E-01	N/A	8.38E-01
Spilker, Table 2	400	80	1500	1.83E+00	4.23E-01	2.99E-01	1.08E-01	5.52E-01	N/A	8.42E-01
Spilker, Table 2	400	80	3000	2.79E+00	4.36E-01	3.16E-01	2.00E-02	9.29E-01	N/A	8.46E-01
Spilker, Table 2	400	80	5000	4.05E+00	4.43E-01	3.33E-01	3.30E-02	1.17E+00	N/A	8.58E-01
Spilker, Table 2	400	80	7500	5.58E+00	4.44E-01	3.41E-01	7.39E-02	1.33E+00	N/A	8.70E-01
Spilker, Table 2	400	80	10000	7.32E+00	4.60E-01	3.65E-01	6.57E-02	1.36E+00	N/A	8.84E-01
Spilker, Table 2	400	80	240	6.60E-01	2.20E-01	2.11E-01	1.72E-01	5.34E-02	N/A	8.59E-01
Spilker, Table 2	400	80	400	8.70E-01	2.95E-01	2.18E-01	1.64E-01	1.18E-01	N/A	8.51E-01
Spilker, Table 2	400	80	800	1.31E+00	3.94E-01	2.79E-01	1.69E-01	2.63E-01	N/A	8.48E-01
Spilker, Table 2	400	80	1500	1.85E+00	4.30E-01	3.07E-01	1.17E-01	5.36E-01	N/A	8.44E-01
Spilker, Table 2	400	80	3000	2.78E+00	4.33E-01	3.14E-01	1.65E-02	9.36E-01	N/A	8.45E-01
Spilker, Table 2	400	80	5000	4.00E+00	4.36E-01	3.25E-01	4.59E-02	1.19E+00	N/A	8.56E-01
Spilker, Table 2	400	80	7500	5.47E+00	4.32E-01	3.27E-01	9.55E-02	1.38E+00	N/A	8.68E-01
Spilker, Table 2	400	80	10000	7.10E+00	4.43E-01	3.45E-01	9.87E-02	1.43E+00	N/A	8.80E-01
Spilker, Table 2	400	100	240	1.11E+00	3.71E-01	2.73E-01	1.37E-01	2.86E-02	N/A	8.59E-01
Spilker, Table 2	400	100	400	1.45E+00	4.18E-01	2.94E-01	1.39E-01	1.09E-01	N/A	8.46E-01
Spilker, Table 2	400	100	800	2.25E+00	4.89E-01	3.53E-01	1.78E-01	2.29E-01	N/A	8.41E-01
Spilker, Table 2	400	100	1500	3.38E+00	5.11E-01	3.69E-01	1.67E-01	4.17E-01	N/A	8.41E-01
Spilker, Table 2	400	100	3000	5.41E+00	5.00E-01	3.47E-01	1.05E-01	6.87E-01	N/A	8.44E-01
Spilker, Table 2	400	100	5000	8.06E+00	4.90E-01	3.33E-01	6.43E-02	8.49E-01	N/A	8.55E-01
Spilker, Table 2	400	100	7500	1.12E+01	4.78E-01	3.17E-01	2.90E-02	9.69E-01	N/A	N/A
Spilker, Table 2	400	100	10000	1.45E+01	4.75E-01	3.13E-01	1.61E-02	1.02E+00	N/A	N/A
Spilker, Table 2	400	100	240	1.15E+00	3.93E-01	2.99E-01	1.67E-01	7.17E-03	N/A	8.64E-01
Spilker, Table 2	400	100	400	1.54E+00	4.52E-01	3.35E-01	1.90E-01	4.45E-02	N/A	8.55E-01
Spilker, Table 2	400	100	800	2.35E+00	5.10E-01	3.81E-01	2.13E-01	1.77E-01	N/A	8.48E-01
Spilker, Table 2	400	100	1500	3.48E+00	5.25E-01	3.87E-01	1.91E-01	3.76E-01	N/A	8.45E-01
Spilker, Table 2	400	100	3000	5.42E+00	5.00E-01	3.48E-01	1.06E-01	6.84E-01	N/A	8.45E-01
Spilker, Table 2	400	100	5000	8.23E+00	5.00E-01	3.47E-01	8.36E-02	8.11E-01	N/A	8.58E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 2	400	100	7500	1.14E+01	4.84E-01	3.25E-01	4.10E-02	9.45E-01	N/A	N/A
Spilker, Table 2	400	100	10000	1.49E+01	4.87E-01	3.29E-01	3.86E-02	9.76E-01	N/A	N/A
Spilker, Table 2	400	120	240	1.95E+00	5.14E-01	4.01E-01	1.70E-01	1.09E-01	N/A	8.64E-01
Spilker, Table 2	400	120	400	2.62E+00	5.46E-01	4.16E-01	2.04E-01	5.34E-02	N/A	8.51E-01
Spilker, Table 2	400	120	800	3.91E+00	5.51E-01	3.95E-01	2.00E-01	1.08E-01	N/A	8.33E-01
Spilker, Table 2	400	120	1500	5.84E+00	5.32E-01	3.51E-01	1.62E-01	2.96E-01	N/A	8.23E-01
Spilker, Table 2	400	120	3000	8.43E+00	4.28E-01	1.92E-01	2.81E-02	7.21E-01	N/A	N/A
Spilker, Table 2	400	120	5000	9.97E+00	2.37E-01	8.60E-02	3.74E-01	1.38E+00	N/A	N/A
Spilker, Table 2	400	120	240	1.89E+00	4.99E-01	3.82E-01	1.43E-01	8.04E-02	N/A	8.60E-01
Spilker, Table 2	400	120	400	2.54E+00	5.32E-01	3.98E-01	1.79E-01	2.36E-02	N/A	8.46E-01
Spilker, Table 2	400	120	800	3.88E+00	5.47E-01	3.90E-01	1.94E-01	1.16E-01	N/A	8.32E-01
Spilker, Table 2	400	120	1500	6.05E+00	5.48E-01	3.74E-01	1.91E-01	2.51E-01	N/A	8.29E-01
Spilker, Table 2	400	120	3000	1.01E+01	5.23E-01	3.27E-01	1.44E-01	4.33E-01	N/A	N/A
Spilker, Table 2	400	120	5000	1.53E+01	5.04E-01	2.94E-01	1.07E-01	5.48E-01	N/A	N/A
Spilker, Table 2	400	120	7500	2.21E+01	4.98E-01	2.83E-01	9.53E-02	5.99E-01	N/A	N/A
Spilker, Table 2	400	120	10000	2.88E+01	4.94E-01	2.76E-01	8.81E-02	6.27E-01	N/A	N/A
Spilker, Table 2	400	150	240	3.88E+00	5.85E-01	4.37E-01	1.28E-01	2.61E-01	N/A	8.43E-01
Spilker, Table 2	400	150	400	5.35E+00	5.86E-01	4.11E-01	1.72E-01	2.03E-01	N/A	8.21E-01
Spilker, Table 2	400	150	800	8.38E+00	5.57E-01	3.38E-01	1.65E-01	7.46E-02	N/A	N/A
Spilker, Table 2	400	150	1500	1.29E+01	5.09E-01	2.47E-01	1.11E-01	7.38E-02	N/A	N/A
Spilker, Table 2	400	150	3000	2.36E+01	4.93E-01	2.09E-01	1.06E-01	1.44E-01	N/A	N/A
Spilker, Table 2	400	150	5000	3.79E+01	4.86E-01	1.94E-01	1.05E-01	1.72E-01	N/A	N/A
Spilker, Table 2	400	150	7500	5.82E+01	5.05E-01	2.20E-01	1.43E-01	1.37E-01	N/A	N/A
Spilker, Table 2	400	150	10000	8.75E+01	5.63E-01	3.11E-01	2.46E-01	6.72E-03	N/A	N/A
Spilker, Table 2	400	150	240	3.96E+00	5.93E-01	4.48E-01	1.46E-01	2.76E-01	N/A	8.46E-01
Spilker, Table 2	400	150	400	5.34E+00	5.85E-01	4.09E-01	1.71E-01	2.02E-01	N/A	8.21E-01
Spilker, Table 2	400	150	800	8.39E+00	5.57E-01	3.39E-01	1.66E-01	7.57E-02	N/A	N/A
Spilker, Table 2	400	150	1500	1.29E+01	5.09E-01	2.47E-01	1.10E-01	7.46E-02	N/A	N/A
Spilker, Table 2	400	150	3000	2.31E+01	4.82E-01	1.93E-01	8.70E-02	1.67E-01	N/A	N/A
Spilker, Table 2	400	150	5000	3.81E+01	4.90E-01	1.99E-01	1.11E-01	1.65E-01	N/A	N/A
Spilker, Table 2	400	150	7500	5.84E+01	5.07E-01	2.22E-01	1.46E-01	1.34E-01	N/A	N/A
Spilker, Table 2	400	150	10000	8.32E+01	5.41E-01	2.75E-01	2.08E-01	5.81E-02	N/A	N/A
Spilker, Table 3	375	80	240	1.30E-01	6.44E-01	9.93E-02	7.36E-01	7.87E-01	N/A	5.11E-01
Spilker, Table 3	375	80	400	1.60E-01	6.36E-01	3.61E-01	8.40E-01	9.53E-01	N/A	4.72E-01
Spilker, Table 3	375	80	800	2.30E-01	4.79E-01	5.70E-01	8.13E-01	1.15E+00	N/A	4.74E-01
Spilker, Table 3	375	80	1500	3.00E-01	4.26E-01	7.67E-01	9.13E-01	1.67E+00	N/A	4.53E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	80	3000	4.60E-01	2.05E-01	6.41E-01	8.45E-01	2.14E+00	N/A	5.11E-01
Spilker, Table 3	375	80	5000	6.50E-01	5.30E-02	4.75E-01	8.28E-01	2.55E+00	N/A	5.68E-01
Spilker, Table 3	375	80	7500	8.90E-01	6.87E-02	3.10E-01	8.03E-01	2.79E+00	N/A	6.26E-01
Spilker, Table 3	375	80	10000	1.13E+00	1.45E-01	1.96E-01	7.87E-01	2.94E+00	N/A	6.68E-01
Spilker, Table 3	375	80	240	1.60E-01	3.36E-01	1.07E-01	4.11E-01	4.52E-01	N/A	6.03E-01
Spilker, Table 3	375	80	400	1.90E-01	3.78E-01	1.46E-01	5.49E-01	6.44E-01	N/A	5.56E-01
Spilker, Table 3	375	80	800	2.70E-01	2.60E-01	3.38E-01	5.44E-01	8.33E-01	N/A	5.52E-01
Spilker, Table 3	375	80	1500	3.10E-01	3.80E-01	7.10E-01	8.51E-01	1.58E+00	N/A	4.71E-01
Spilker, Table 3	375	80	3000	4.40E-01	2.59E-01	7.16E-01	9.29E-01	2.29E+00	N/A	4.89E-01
Spilker, Table 3	375	80	5000	6.30E-01	8.64E-02	5.22E-01	8.86E-01	2.66E+00	N/A	5.54E-01
Spilker, Table 3	375	80	7500	9.00E-01	7.91E-02	2.95E-01	7.83E-01	2.75E+00	N/A	6.30E-01
Spilker, Table 3	375	80	10000	1.12E+00	1.38E-01	2.07E-01	8.03E-01	2.97E+00	N/A	6.65E-01
Spilker, Table 3	375	100	240	2.60E-01	1.62E-01	9.19E-02	6.20E-01	3.20E-01	1.79E+00	6.18E-01
Spilker, Table 3	375	100	400	3.00E-01	2.16E-01	3.42E-01	7.70E-01	5.67E-01	2.17E+00	5.55E-01
Spilker, Table 3	375	100	800	4.10E-01	1.40E-01	4.63E-01	7.59E-01	8.77E-01	2.34E+00	5.27E-01
Spilker, Table 3	375	100	1500	5.90E-01	3.02E-03	3.83E-01	6.48E-01	1.17E+00	2.24E+00	5.48E-01
Spilker, Table 3	375	100	3000	9.20E-01	1.48E-01	2.29E-01	5.71E-01	1.58E+00	2.00E+00	5.95E-01
Spilker, Table 3	375	100	5000	1.30E+00	2.22E-01	1.35E-01	5.84E-01	1.95E+00	1.78E+00	6.37E-01
Spilker, Table 3	375	100	7500	1.67E+00	2.31E-01	1.24E-01	6.90E-01	2.39E+00	1.68E+00	6.61E-01
Spilker, Table 3	375	100	10000	2.09E+00	2.57E-01	8.43E-02	7.16E-01	2.58E+00	1.49E+00	6.93E-01
Spilker, Table 3	375	100	240	2.60E-01	1.62E-01	9.19E-02	6.20E-01	3.20E-01	1.79E+00	6.18E-01
Spilker, Table 3	375	100	400	3.20E-01	1.40E-01	2.58E-01	6.60E-01	4.69E-01	1.97E+00	5.83E-01
Spilker, Table 3	375	100	800	4.00E-01	1.69E-01	5.00E-01	8.03E-01	9.24E-01	2.43E+00	5.15E-01
Spilker, Table 3	375	100	1500	5.80E-01	1.42E-02	4.06E-01	6.76E-01	1.21E+00	2.29E+00	5.40E-01
Spilker, Table 3	375	100	3000	9.30E-01	1.58E-01	2.16E-01	5.55E-01	1.56E+00	1.96E+00	5.99E-01
Spilker, Table 3	375	100	5000	1.32E+00	2.34E-01	1.18E-01	5.60E-01	1.91E+00	1.74E+00	6.43E-01
Spilker, Table 3	375	100	7500	1.77E+00	2.74E-01	6.03E-02	5.95E-01	2.20E+00	1.53E+00	6.80E-01
Spilker, Table 3	375	100	10000	2.15E+00	2.78E-01	5.40E-02	6.68E-01	2.48E+00	1.42E+00	7.01E-01
Spilker, Table 3	375	120	240	4.90E-01	1.61E-01	3.49E-02	5.37E-01	2.03E-02	1.26E+00	6.88E-01
Spilker, Table 3	375	120	400	6.10E-01	1.94E-01	2.52E-02	5.03E-01	1.38E-01	1.47E+00	6.59E-01
Spilker, Table 3	375	120	800	9.00E-01	3.01E-01	3.07E-02	3.39E-01	2.94E-01	1.55E+00	6.58E-01
Spilker, Table 3	375	120	1500	1.27E+00	3.62E-01	7.40E-02	2.77E-01	5.59E-01	1.64E+00	6.60E-01
Spilker, Table 3	375	120	3000	2.06E+00	4.45E-01	1.66E-01	1.99E-01	8.08E-01	1.48E+00	7.01E-01
Spilker, Table 3	375	120	5000	2.89E+00	4.57E-01	1.72E-01	2.44E-01	1.09E+00	1.41E+00	7.26E-01
Spilker, Table 3	375	120	7500	3.81E+00	4.51E-01	1.55E-01	3.13E-01	1.35E+00	1.33E+00	7.47E-01
Spilker, Table 3	375	120	10000	4.52E+00	4.21E-01	1.06E-01	4.18E-01	1.62E+00	1.34E+00	7.56E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	120	240	4.70E-01	1.25E-01	6.16E-03	6.02E-01	6.38E-02	1.35E+00	6.74E-01
Spilker, Table 3	375	120	400	6.00E-01	1.81E-01	4.23E-02	5.28E-01	1.57E-01	1.51E+00	6.53E-01
Spilker, Table 3	375	120	800	8.60E-01	2.68E-01	1.43E-02	4.01E-01	3.54E-01	1.66E+00	6.42E-01
Spilker, Table 3	375	120	1500	1.24E+00	3.47E-01	5.16E-02	3.08E-01	5.97E-01	1.70E+00	6.52E-01
Spilker, Table 3	375	120	3000	2.01E+00	4.31E-01	1.46E-01	2.29E-01	8.53E-01	1.54E+00	6.94E-01
Spilker, Table 3	375	120	5000	2.83E+00	4.46E-01	1.55E-01	2.71E-01	1.14E+00	1.46E+00	7.20E-01
Spilker, Table 3	375	120	7500	3.78E+00	4.46E-01	1.48E-01	3.23E-01	1.37E+00	1.35E+00	7.45E-01
Spilker, Table 3	375	120	10000	4.54E+00	4.24E-01	1.10E-01	4.11E-01	1.61E+00	1.33E+00	7.57E-01
Spilker, Table 3	375	150	240	1.47E+00	5.73E-01	4.42E-01	1.21E-01	4.04E-01	N/A	8.00E-01
Spilker, Table 3	375	150	400	1.89E+00	6.02E-01	4.49E-01	2.11E-02	3.49E-01	N/A	7.84E-01
Spilker, Table 3	375	150	800	2.90E+00	6.53E-01	4.88E-01	1.31E-01	2.74E-01	N/A	7.84E-01
Spilker, Table 3	375	150	1500	4.35E+00	6.77E-01	4.98E-01	1.94E-01	1.65E-01	N/A	7.91E-01
Spilker, Table 3	375	150	3000	6.97E+00	6.78E-01	4.79E-01	1.94E-01	1.02E-02	N/A	8.07E-01
Spilker, Table 3	375	150	5000	9.46E+00	6.46E-01	4.14E-01	1.09E-01	1.90E-01	N/A	N/A
Spilker, Table 3	375	150	7500	1.23E+01	6.14E-01	3.54E-01	2.60E-02	3.63E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.43E+01	5.72E-01	2.78E-01	8.24E-02	5.51E-01	N/A	N/A
Spilker, Table 3	375	150	240	1.49E+00	5.79E-01	4.49E-01	1.06E-01	4.12E-01	N/A	8.03E-01
Spilker, Table 3	375	150	400	1.88E+00	6.00E-01	4.46E-01	2.65E-02	3.45E-01	N/A	7.83E-01
Spilker, Table 3	375	150	800	2.84E+00	6.46E-01	4.77E-01	1.13E-01	2.59E-01	N/A	7.79E-01
Spilker, Table 3	375	150	1500	4.10E+00	6.57E-01	4.67E-01	1.45E-01	1.15E-01	N/A	7.79E-01
Spilker, Table 3	375	150	3000	6.82E+00	6.71E-01	4.67E-01	1.77E-01	1.16E-02	N/A	8.02E-01
Spilker, Table 3	375	150	5000	9.35E+00	6.42E-01	4.07E-01	9.87E-02	2.04E-01	N/A	N/A
Spilker, Table 3	375	150	7500	1.21E+01	6.07E-01	3.42E-01	8.99E-03	3.86E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.41E+01	5.65E-01	2.67E-01	9.93E-02	5.76E-01	N/A	N/A
Spilker, Table 3	375	80	240	1.70E-01	2.57E-01	1.59E-01	3.28E-01	3.66E-01	N/A	6.26E-01
Spilker, Table 3	375	80	400	2.00E-01	3.09E-01	8.88E-02	4.72E-01	5.62E-01	N/A	5.78E-01
Spilker, Table 3	375	80	800	2.60E-01	3.09E-01	3.89E-01	6.04E-01	9.04E-01	N/A	5.35E-01
Spilker, Table 3	375	80	1500	3.30E-01	2.97E-01	6.06E-01	7.39E-01	1.43E+00	N/A	5.03E-01
Spilker, Table 3	375	80	3000	4.70E-01	1.79E-01	6.06E-01	8.06E-01	2.08E+00	N/A	5.21E-01
Spilker, Table 3	375	80	5000	7.10E-01	3.60E-02	3.51E-01	6.74E-01	2.25E+00	N/A	6.04E-01
Spilker, Table 3	375	80	7500	9.60E-01	1.37E-01	2.14E-01	6.72E-01	2.52E+00	N/A	6.53E-01
Spilker, Table 3	375	80	10000	1.18E+00	1.82E-01	1.45E-01	7.12E-01	2.77E+00	N/A	6.82E-01
Spilker, Table 3	375	80	240	1.70E-01	2.57E-01	1.59E-01	3.28E-01	3.66E-01	N/A	6.26E-01
Spilker, Table 3	375	80	400	1.50E-01	7.45E-01	4.52E-01	9.63E-01	1.08E+00	N/A	4.37E-01
Spilker, Table 3	375	80	800	2.40E-01	4.18E-01	5.05E-01	7.37E-01	1.06E+00	N/A	4.96E-01
Spilker, Table 3	375	80	1500	3.10E-01	3.80E-01	7.10E-01	8.51E-01	1.58E+00	N/A	4.71E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	80	3000	4.40E-01	2.59E-01	7.16E-01	9.29E-01	2.29E+00	N/A	4.89E-01
Spilker, Table 3	375	80	5000	6.90E-01	8.04E-03	3.90E-01	7.22E-01	2.34E+00	N/A	5.93E-01
Spilker, Table 3	375	80	7500	9.30E-01	1.09E-01	2.53E-01	7.26E-01	2.63E+00	N/A	6.42E-01
Spilker, Table 3	375	80	10000	1.15E+00	1.60E-01	1.75E-01	7.56E-01	2.87E+00	N/A	6.74E-01
Spilker, Table 3	375	100	240	2.70E-01	1.19E-01	5.14E-02	5.60E-01	2.71E-01	1.69E+00	6.32E-01
Spilker, Table 3	375	100	400	3.20E-01	1.40E-01	2.58E-01	6.60E-01	4.69E-01	1.97E+00	5.83E-01
Spilker, Table 3	375	100	800	4.60E-01	1.65E-02	3.04E-01	5.68E-01	6.73E-01	1.98E+00	5.78E-01
Spilker, Table 3	375	100	1500	6.50E-01	9.50E-02	2.55E-01	4.95E-01	9.74E-01	1.94E+00	5.89E-01
Spilker, Table 3	375	100	3000	9.80E-01	2.01E-01	1.54E-01	4.75E-01	1.43E+00	1.81E+00	6.20E-01
Spilker, Table 3	375	100	5000	1.45E+00	3.02E-01	1.80E-02	4.20E-01	1.65E+00	1.49E+00	6.75E-01
Spilker, Table 3	375	100	7500	1.91E+00	3.28E-01	1.74E-02	4.78E-01	1.96E+00	1.34E+00	7.04E-01
Spilker, Table 3	375	100	10000	2.39E+00	3.50E-01	5.18E-02	5.01E-01	2.13E+00	1.18E+00	7.31E-01
Spilker, Table 3	375	100	240	2.60E-01	1.62E-01	9.19E-02	6.20E-01	3.20E-01	1.79E+00	6.18E-01
Spilker, Table 3	375	100	400	3.20E-01	1.40E-01	2.58E-01	6.60E-01	4.69E-01	1.97E+00	5.83E-01
Spilker, Table 3	375	100	800	4.30E-01	8.74E-02	3.95E-01	6.77E-01	7.90E-01	2.19E+00	5.49E-01
Spilker, Table 3	375	100	1500	6.60E-01	1.09E-01	2.36E-01	4.73E-01	9.44E-01	1.89E+00	5.96E-01
Spilker, Table 3	375	100	3000	9.60E-01	1.84E-01	1.78E-01	5.06E-01	1.48E+00	1.87E+00	6.12E-01
Spilker, Table 3	375	100	5000	1.50E+00	3.26E-01	1.60E-02	3.73E-01	1.56E+00	1.41E+00	6.86E-01
Spilker, Table 3	375	100	7500	1.96E+00	3.45E-01	4.24E-02	4.40E-01	1.89E+00	1.28E+00	7.11E-01
Spilker, Table 3	375	100	10000	2.40E+00	3.53E-01	5.58E-02	4.94E-01	2.12E+00	1.17E+00	7.32E-01
Spilker, Table 3	375	120	240	5.40E-01	2.39E-01	1.24E-01	3.95E-01	7.41E-02	1.05E+00	7.17E-01
Spilker, Table 3	375	120	400	6.40E-01	2.32E-01	2.29E-02	4.33E-01	8.49E-02	1.35E+00	6.75E-01
Spilker, Table 3	375	120	800	9.60E-01	3.44E-01	9.13E-02	2.55E-01	2.13E-01	1.39E+00	6.79E-01
Spilker, Table 3	375	120	1500	1.36E+00	4.04E-01	1.35E-01	1.92E-01	4.56E-01	1.47E+00	6.83E-01
Spilker, Table 3	375	120	3000	2.18E+00	4.75E-01	2.12E-01	1.33E-01	7.08E-01	1.34E+00	7.18E-01
Spilker, Table 3	375	120	5000	3.16E+00	5.04E-01	2.43E-01	1.38E-01	9.14E-01	1.20E+00	7.50E-01
Spilker, Table 3	375	120	7500	4.19E+00	5.00E-01	2.32E-01	1.94E-01	1.14E+00	1.12E+00	7.70E-01
Spilker, Table 3	375	120	10000	5.20E+00	4.97E-01	2.23E-01	2.32E-01	1.28E+00	1.03E+00	7.88E-01
Spilker, Table 3	375	120	240	5.10E-01	1.94E-01	7.28E-02	4.77E-01	1.97E-02	1.17E+00	7.00E-01
Spilker, Table 3	375	120	400	6.20E-01	2.07E-01	8.65E-03	4.79E-01	1.20E-01	1.43E+00	6.64E-01
Spilker, Table 3	375	120	800	9.10E-01	3.08E-01	4.14E-02	3.24E-01	2.80E-01	1.52E+00	6.61E-01
Spilker, Table 3	375	120	1500	1.31E+00	3.82E-01	1.02E-01	2.38E-01	5.11E-01	1.56E+00	6.71E-01
Spilker, Table 3	375	120	3000	2.07E+00	4.47E-01	1.70E-01	1.93E-01	*7.99E-01*	*1.46E+00*	7.03E-01
Spilker, Table 3	375	120	5000	3.20E+00	5.10E-01	2.52E-01	1.24E-01	8.90E-01	1.17E+00	7.53E-01
Spilker, Table 3	375	120	7500	4.20E+00	5.02E-01	2.34E-01	1.91E-01	1.13E+00	1.12E+00	7.71E-01
Spilker, Table 3	375	120	10000	5.11E+00	4.88E-01	2.09E-01	2.54E-01	1.32E+00	1.07E+00	7.84E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	150	240	1.62E+00	6.13E-01	4.94E-01	1.73E-02	4.59E-01	N/A	8.19E-01
Spilker, Table 3	375	150	400	2.08E+00	6.38E-01	4.99E-01	7.22E-02	4.08E-01	N/A	8.03E-01
Spilker, Table 3	375	150	800	2.98E+00	6.62E-01	5.02E-01	1.55E-01	2.94E-01	N/A	7.90E-01
Spilker, Table 3	375	150	1500	4.38E+00	6.79E-01	5.01E-01	1.99E-01	1.71E-01	N/A	7.93E-01
Spilker, Table 3	375	150	3000	6.97E+00	6.78E-01	4.79E-01	1.94E-01	1.02E-02	N/A	8.07E-01
Spilker, Table 3	375	150	5000	9.72E+00	6.55E-01	4.30E-01	1.33E-01	1.58E-01	N/A	N/A
Spilker, Table 3	375	150	7500	1.29E+01	6.32E-01	3.83E-01	7.07E-02	3.00E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.55E+01	6.05E-01	3.34E-01	1.53E-03	4.31E-01	N/A	N/A
Spilker, Table 3	375	150	240	1.59E+00	6.06E-01	4.84E-01	3.64E-02	4.49E-01	N/A	8.15E-01
Spilker, Table 3	375	150	400	2.02E+00	6.27E-01	4.84E-01	4.47E-02	3.91E-01	N/A	7.98E-01
Spilker, Table 3	375	150	800	2.86E+00	6.48E-01	4.81E-01	1.19E-01	2.64E-01	N/A	7.81E-01
Spilker, Table 3	375	150	1500	4.24E+00	6.68E-01	4.85E-01	1.73E-01	1.44E-01	N/A	7.86E-01
Spilker, Table 3	375	150	3000	6.73E+00	6.67E-01	4.60E-01	1.66E-01	2.51E-02	N/A	8.00E-01
Spilker, Table 3	375	150	5000	9.88E+00	6.61E-01	4.39E-01	1.47E-01	1.39E-01	N/A	N/A
Spilker, Table 3	375	150	7500	1.28E+01	6.31E-01	3.83E-01	7.00E-02	3.01E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.56E+01	6.07E-01	3.37E-01	6.03E-03	4.25E-01	N/A	N/A
Spilker, Table 3	375	80	240	1.40E-01	5.27E-01	2.08E-02	6.12E-01	6.59E-01	N/A	5.46E-01
Spilker, Table 3	375	80	400	1.50E-01	7.45E-01	4.52E-01	9.63E-01	1.08E+00	N/A	4.37E-01
Spilker, Table 3	375	80	800	2.10E-01	6.20E-01	7.20E-01	9.85E-01	1.36E+00	N/A	4.24E-01
Spilker, Table 3	375	80	1500	2.70E-01	5.85E-01	9.63E-01	1.13E+00	1.96E+00	N/A	3.93E-01
Spilker, Table 3	375	80	3000	3.90E-01	4.21E-01	9.36E-01	1.18E+00	2.71E+00	N/A	4.23E-01
Spilker, Table 3	375	80	5000	4.90E-01	3.97E-01	9.57E-01	1.42E+00	3.70E+00	N/A	4.27E-01
Spilker, Table 3	375	80	7500	7.40E-01	1.20E-01	5.75E-01	1.17E+00	3.56E+00	N/A	5.50E-01
Spilker, Table 3	375	80	10000	9.10E-01	6.12E-02	4.85E-01	1.22E+00	3.89E+00	N/A	5.88E-01
Spilker, Table 3	375	80	240	1.10E-01	9.43E-01	2.99E-01	1.05E+00	1.11E+00	N/A	4.22E-01
Spilker, Table 3	375	80	400	1.40E-01	8.70E-01	5.55E-01	1.10E+00	1.23E+00	N/A	3.97E-01
Spilker, Table 3	375	80	800	1.80E-01	8.90E-01	1.01E+00	1.32E+00	1.75E+00	N/A	3.28E-01
Spilker, Table 3	375	80	1500	2.50E-01	7.12E-01	1.12E+00	1.30E+00	2.20E+00	N/A	3.44E-01
Spilker, Table 3	375	80	3000	3.80E-01	4.58E-01	9.87E-01	1.23E+00	2.81E+00	N/A	4.08E-01
Spilker, Table 3	375	80	5000	4.60E-01	4.88E-01	1.08E+00	1.58E+00	4.01E+00	N/A	3.89E-01
Spilker, Table 3	375	80	7500	7.10E-01	1.67E-01	6.42E-01	1.26E+00	3.76E+00	N/A	5.31E-01
Spilker, Table 3	375	80	10000	8.70E-01	1.10E-01	5.53E-01	1.32E+00	4.11E+00	N/A	5.69E-01
Spilker, Table 3	375	100	240	2.30E-01	3.13E-01	2.34E-01	8.31E-01	4.92E-01	2.15E+00	5.68E-01
Spilker, Table 3	375	100	400	2.80E-01	3.03E-01	4.38E-01	8.97E-01	6.79E-01	2.39E+00	5.24E-01
Spilker, Table 3	375	100	800	4.00E-01	1.69E-01	5.00E-01	8.03E-01	9.24E-01	2.43E+00	5.15E-01
Spilker, Table 3	375	100	1500	5.30E-01	1.10E-01	5.39E-01	8.34E-01	1.42E+00	2.60E+00	4.96E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	100	3000	7.90E-01	8.32E-03	4.32E-01	8.30E-01	2.01E+00	2.49E+00	5.28E-01
Spilker, Table 3	375	100	5000	1.03E+00	1.80E-02	4.33E-01	9.99E-01	2.73E+00	2.51E+00	5.42E-01
Spilker, Table 3	375	100	7500	1.44E+00	1.08E-01	3.03E-01	9.60E-01	2.93E+00	2.11E+00	6.07E-01
Spilker, Table 3	375	100	10000	1.93E+00	1.95E-01	1.74E-01	8.58E-01	2.88E+00	1.70E+00	6.67E-01
Spilker, Table 3	375	100	240	1.90E-01	5.90E-01	4.94E-01	1.22E+00	8.06E-01	2.82E+00	4.77E-01
Spilker, Table 3	375	100	400	2.40E-01	5.20E-01	6.77E-01	1.21E+00	9.58E-01	2.96E+00	4.44E-01
Spilker, Table 3	375	100	800	3.40E-01	3.75E-01	7.64E-01	1.12E+00	1.26E+00	3.03E+00	4.29E-01
Spilker, Table 3	375	100	1500	4.50E-01	3.07E-01	8.13E-01	1.16E+00	1.85E+00	3.25E+00	4.07E-01
Spilker, Table 3	375	100	3000	7.00E-01	1.19E-01	6.16E-01	1.07E+00	2.40E+00	2.94E+00	4.68E-01
Spilker, Table 3	375	100	5000	9.00E-01	1.24E-01	6.40E-01	1.29E+00	3.26E+00	3.01E+00	4.76E-01
Spilker, Table 3	375	100	7500	1.31E+00	1.97E-02	4.33E-01	1.15E+00	3.32E+00	2.42E+00	5.68E-01
Spilker, Table 3	375	100	10000	1.67E+00	7.00E-02	3.57E-01	1.15E+00	3.48E+00	2.12E+00	6.15E-01
Spilker, Table 3	375	120	240	4.20E-01	2.10E-02	1.26E-01	7.93E-01	1.90E-01	1.63E+00	6.36E-01
Spilker, Table 3	375	120	400	5.40E-01	8.95E-02	1.58E-01	6.98E-01	2.86E-01	1.79E+00	6.15E-01
Spilker, Table 3	375	120	800	8.10E-01	2.23E-01	7.70E-02	4.88E-01	4.38E-01	1.83E+00	6.20E-01
Spilker, Table 3	375	120	1500	1.12E+00	2.77E-01	5.00E-02	4.48E-01	7.68E-01	1.99E+00	6.15E-01
Spilker, Table 3	375	120	3000	1.65E+00	3.07E-01	4.07E-02	4.97E-01	1.26E+00	2.09E+00	6.27E-01
Spilker, Table 3	375	120	5000	2.27E+00	3.09E-01	5.38E-02	5.84E-01	1.66E+00	2.06E+00	6.51E-01
Spilker, Table 3	375	120	7500	3.25E+00	3.56E-01	9.48E-03	5.39E-01	1.76E+00	1.73E+00	7.04E-01
Spilker, Table 3	375	120	10000	4.04E+00	3.52E-01	6.61E-05	5.86E-01	1.94E+00	1.62E+00	7.27E-01
Spilker, Table 3	375	120	240	3.90E-01	5.43E-02	2.13E-01	9.31E-01	2.82E-01	1.83E+00	6.08E-01
Spilker, Table 3	375	120	400	5.10E-01	3.59E-02	2.26E-01	7.98E-01	3.61E-01	1.95E+00	5.92E-01
Spilker, Table 3	375	120	800	7.40E-01	1.49E-01	1.79E-01	6.29E-01	5.74E-01	2.10E+00	5.84E-01
Spilker, Table 3	375	120	1500	1.02E+00	2.06E-01	1.53E-01	5.90E-01	9.41E-01	2.29E+00	5.77E-01
Spilker, Table 3	375	120	3000	1.59E+00	2.81E-01	7.99E-02	5.54E-01	1.34E+00	2.21E+00	6.13E-01
Spilker, Table 3	375	120	5000	2.06E+00	2.39E-01	1.61E-01	7.45E-01	1.94E+00	2.37E+00	6.16E-01
Spilker, Table 3	375	120	7500	2.96E+00	2.93E-01	8.76E-02	6.90E-01	2.03E+00	2.00E+00	6.75E-01
Spilker, Table 3	375	120	10000	3.78E+00	3.08E-01	6.89E-02	6.95E-01	2.14E+00	1.80E+00	7.08E-01
Spilker, Table 3	375	150	240	1.45E+00	5.68E-01	4.34E-01	1.37E-01	3.96E-01	N/A	7.97E-01
Spilker, Table 3	375	150	400	1.85E+00	5.93E-01	4.37E-01	4.31E-02	3.35E-01	N/A	7.79E-01
Spilker, Table 3	375	150	800	2.82E+00	6.43E-01	4.73E-01	1.07E-01	2.54E-01	N/A	7.78E-01
Spilker, Table 3	375	150	1500	3.82E+00	6.32E-01	4.28E-01	8.21E-02	4.97E-02	N/A	7.62E-01
Spilker, Table 3	375	150	3000	5.44E+00	5.88E-01	3.32E-01	3.23E-02	2.68E-01	N/A	7.52E-01
Spilker, Table 3	375	150	5000	7.50E+00	5.53E-01	2.61E-01	1.24E-01	5.01E-01	N/A	N/A
Spilker, Table 3	375	150	7500	1.03E+01	5.41E-01	2.31E-01	1.59E-01	6.22E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.29E+01	5.26E-01	2.02E-01	1.97E-01	7.16E-01	N/A	N/A

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	150	240	1.27E+00	5.06E-01	3.54E-01	2.98E-01	3.10E-01	N/A	7.69E-01
Spilker, Table 3	375	150	400	1.61E+00	5.33E-01	3.53E-01	1.99E-01	2.36E-01	N/A	7.46E-01
Spilker, Table 3	375	150	800	2.35E+00	5.72E-01	3.68E-01	7.19E-02	1.04E-01	N/A	7.33E-01
Spilker, Table 3	375	150	1500	3.21E+00	5.62E-01	3.20E-01	9.24E-02	1.31E-01	N/A	7.17E-01
Spilker, Table 3	375	150	3000	4.92E+00	5.44E-01	2.62E-01	1.41E-01	4.02E-01	N/A	7.26E-01
Spilker, Table 3	375	150	5000	6.37E+00	4.74E-01	1.30E-01	3.23E-01	7.67E-01	N/A	N/A
Spilker, Table 3	375	150	7500	8.58E+00	4.48E-01	7.63E-02	3.92E-01	9.47E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.09E+01	4.37E-01	5.10E-02	4.23E-01	1.04E+00	N/A	N/A
Spilker, Table 3	375	80	240	1.40E-01	5.27E-01	2.08E-02	6.12E-01	6.59E-01	N/A	5.46E-01
Spilker, Table 3	375	80	400	1.60E-01	6.36E-01	3.61E-01	8.40E-01	9.53E-01	N/A	4.72E-01
Spilker, Table 3	375	80	800	2.10E-01	6.20E-01	7.20E-01	9.85E-01	1.36E+00	N/A	4.24E-01
Spilker, Table 3	375	80	1500	2.70E-01	5.85E-01	9.63E-01	1.13E+00	1.96E+00	N/A	3.93E-01
Spilker, Table 3	375	80	3000	4.10E-01	3.52E-01	8.42E-01	1.07E+00	2.53E+00	N/A	4.51E-01
Spilker, Table 3	375	80	5000	5.60E-01	2.22E-01	7.13E-01	1.12E+00	3.12E+00	N/A	4.99E-01
Spilker, Table 3	375	80	7500	8.10E-01	2.32E-02	4.39E-01	9.81E-01	3.17E+00	N/A	5.89E-01
Spilker, Table 3	375	80	10000	1.00E+00	3.43E-02	3.51E-01	1.02E+00	3.45E+00	N/A	6.25E-01
Spilker, Table 3	375	80	240	1.40E-01	5.27E-01	2.08E-02	6.12E-01	6.59E-01	N/A	5.46E-01
Spilker, Table 3	375	80	400	1.60E-01	6.36E-01	3.61E-01	8.40E-01	9.53E-01	N/A	4.72E-01
Spilker, Table 3	375	80	800	2.10E-01	6.20E-01	7.20E-01	9.85E-01	1.36E+00	N/A	4.24E-01
Spilker, Table 3	375	80	1500	2.70E-01	5.85E-01	9.63E-01	1.13E+00	1.96E+00	N/A	3.93E-01
Spilker, Table 3	375	80	3000	4.00E-01	3.85E-01	8.88E-01	1.12E+00	2.62E+00	N/A	4.38E-01
Spilker, Table 3	375	80	5000	5.30E-01	2.91E-01	8.10E-01	1.24E+00	3.35E+00	N/A	4.70E-01
Spilker, Table 3	375	80	7500	7.80E-01	6.26E-02	4.94E-01	1.06E+00	3.33E+00	N/A	5.73E-01
Spilker, Table 3	375	80	10000	9.50E-01	1.65E-02	4.23E-01	1.13E+00	3.68E+00	N/A	6.05E-01
Spilker, Table 3	375	100	240	2.50E-01	2.08E-01	1.36E-01	6.85E-01	3.73E-01	1.90E+00	6.03E-01
Spilker, Table 3	375	100	400	2.90E-01	2.58E-01	3.88E-01	8.32E-01	6.21E-01	2.28E+00	5.40E-01
Spilker, Table 3	375	100	800	4.20E-01	1.13E-01	4.28E-01	7.17E-01	8.33E-01	2.26E+00	5.38E-01
Spilker, Table 3	375	100	1500	5.50E-01	6.95E-02	4.83E-01	7.67E-01	1.33E+00	2.47E+00	5.15E-01
Spilker, Table 3	375	100	3000	7.90E-01	8.32E-03	4.32E-01	8.30E-01	2.01E+00	2.49E+00	5.28E-01
Spilker, Table 3	375	100	5000	1.13E+00	1.05E-01	3.06E-01	8.22E-01	2.40E+00	2.20E+00	5.83E-01
Spilker, Table 3	375	100	7500	1.60E+00	1.97E-01	1.73E-01	7.64E-01	2.54E+00	1.80E+00	6.46E-01
Spilker, Table 3	375	100	10000	2.06E+00	2.46E-01	1.00E-01	7.41E-01	2.63E+00	1.53E+00	6.88E-01
Spilker, Table 3	375	100	240	2.40E-01	2.58E-01	1.83E-01	7.55E-01	4.30E-01	2.02E+00	5.86E-01
Spilker, Table 3	375	100	400	2.70E-01	3.51E-01	4.91E-01	9.67E-01	7.41E-01	2.52E+00	5.06E-01
Spilker, Table 3	375	100	800	4.00E-01	1.69E-01	5.00E-01	8.03E-01	9.24E-01	2.43E+00	5.15E-01
Spilker, Table 3	375	100	1500	5.40E-01	8.93E-02	5.11E-01	8.00E-01	1.38E+00	2.54E+00	5.06E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	100	3000	7.80E-01	4.40E-03	4.50E-01	8.53E-01	2.05E+00	2.53E+00	5.22E-01
Spilker, Table 3	375	100	5000	1.07E+00	5.47E-02	3.79E-01	9.24E-01	2.59E+00	2.37E+00	5.59E-01
Spilker, Table 3	375	100	7500	1.49E+00	1.38E-01	2.60E-01	8.95E-01	2.80E+00	2.00E+00	6.20E-01
Spilker, Table 3	375	100	10000	1.90E+00	1.83E-01	1.93E-01	8.88E-01	2.94E+00	1.74E+00	6.62E-01
Spilker, Table 3	375	120	240	5.50E-01	2.52E-01	1.40E-01	3.69E-01	9.10E-02	1.01E+00	7.22E-01
Spilker, Table 3	375	120	400	6.50E-01	2.44E-01	3.79E-02	4.11E-01	6.82E-02	1.32E+00	6.80E-01
Spilker, Table 3	375	120	800	9.40E-01	3.30E-01	7.20E-02	2.82E-01	2.39E-01	1.44E+00	6.72E-01
Spilker, Table 3	375	120	1500	1.29E+00	3.72E-01	8.84E-02	2.57E-01	5.35E-01	1.60E+00	6.66E-01
Spilker, Table 3	375	120	3000	1.72E+00	3.35E-01	1.68E-03	4.36E-01	1.17E+00	1.97E+00	6.42E-01
Spilker, Table 3	375	120	5000	2.55E+00	3.85E-01	6.19E-02	4.10E-01	1.37E+00	1.73E+00	6.90E-01
Spilker, Table 3	375	120	7500	3.57E+00	4.14E-01	9.83E-02	4.01E-01	1.51E+00	1.49E+00	7.30E-01
Spilker, Table 3	375	120	10000	4.37E+00	4.01E-01	7.55E-02	4.66E-01	1.71E+00	1.42E+00	7.47E-01
Spilker, Table 3	375	120	240	4.80E-01	1.43E-01	1.48E-02	5.69E-01	4.16E-02	1.30E+00	6.81E-01
Spilker, Table 3	375	120	400	5.70E-01	1.37E-01	9.71E-02	6.09E-01	2.18E-01	1.64E+00	6.35E-01
Spilker, Table 3	375	120	800	7.80E-01	1.93E-01	1.18E-01	5.45E-01	4.93E-01	1.94E+00	6.05E-01
Spilker, Table 3	375	120	1500	1.06E+00	2.36E-01	1.09E-01	5.30E-01	8.68E-01	2.16E+00	5.93E-01
Spilker, Table 3	375	120	3000	1.57E+00	2.71E-01	9.37E-02	5.73E-01	1.37E+00	2.25E+00	6.08E-01
Spilker, Table 3	375	120	5000	2.14E+00	2.67E-01	1.18E-01	6.80E-01	1.83E+00	2.25E+00	6.30E-01
Spilker, Table 3	375	120	7500	2.97E+00	2.95E-01	8.39E-02	6.84E-01	2.02E+00	1.99E+00	6.76E-01
Spilker, Table 3	375	120	10000	3.65E+00	2.83E-01	1.07E-01	7.56E-01	2.25E+00	1.90E+00	6.97E-01
Spilker, Table 3	375	150	240	1.72E+00	6.35E-01	5.23E-01	4.19E-02	4.90E-01	N/A	8.29E-01
Spilker, Table 3	375	150	400	2.04E+00	6.31E-01	4.90E-01	5.40E-02	3.97E-01	N/A	8.00E-01
Spilker, Table 3	375	150	800	2.88E+00	6.51E-01	4.84E-01	1.25E-01	2.69E-01	N/A	7.82E-01
Spilker, Table 3	375	150	1500	3.86E+00	6.36E-01	4.34E-01	9.16E-02	5.95E-02	N/A	7.65E-01
Spilker, Table 3	375	150	3000	5.43E+00	5.87E-01	3.31E-01	3.42E-02	2.70E-01	N/A	7.52E-01
Spilker, Table 3	375	150	5000	7.80E+00	5.71E-01	2.89E-01	8.04E-02	4.43E-01	N/A	N/A
Spilker, Table 3	375	150	7500	1.05E+01	5.51E-01	2.48E-01	1.33E-01	5.85E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.28E+01	5.22E-01	1.94E-01	2.08E-01	7.32E-01	N/A	N/A
Spilker, Table 3	375	150	240	1.50E+00	5.82E-01	4.53E-01	9.86E-02	4.16E-01	N/A	8.04E-01
Spilker, Table 3	375	150	400	1.78E+00	5.77E-01	4.15E-01	8.42E-02	3.09E-01	N/A	7.70E-01
Spilker, Table 3	375	150	800	2.49E+00	5.96E-01	4.04E-01	1.16E-02	1.55E-01	N/A	7.48E-01
Spilker, Table 3	375	150	1500	3.38E+00	5.84E-01	3.54E-01	3.74E-02	7.40E-02	N/A	7.32E-01
Spilker, Table 3	375	150	3000	4.96E+00	5.48E-01	2.68E-01	1.32E-01	3.91E-01	N/A	7.28E-01
Spilker, Table 3	375	150	5000	6.72E+00	5.02E-01	1.75E-01	2.54E-01	6.75E-01	N/A	N/A
Spilker, Table 3	375	150	7500	8.62E+00	4.51E-01	8.06E-02	3.85E-01	9.38E-01	N/A	N/A
Spilker, Table 3	375	150	10000	1.07E+01	4.27E-01	3.50E-02	4.47E-01	1.07E+00	N/A	N/A

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	80	240	1.10E-01	9.43E-01	2.99E-01	1.05E+00	1.11E+00	N/A	4.22E-01
Spilker, Table 3	375	80	400	1.20E-01	1.18E+00	8.15E-01	1.45E+00	1.60E+00	N/A	2.96E-01
Spilker, Table 3	375	80	800	1.80E-01	8.90E-01	1.01E+00	1.32E+00	1.75E+00	N/A	3.28E-01
Spilker, Table 3	375	80	1500	2.20E-01	9.45E-01	1.41E+00	1.61E+00	2.64E+00	N/A	2.55E-01
Spilker, Table 3	375	80	3000	3.20E-01	7.32E-01	1.36E+00	1.65E+00	3.52E+00	N/A	2.97E-01
Spilker, Table 3	375	80	5000	4.80E-01	4.26E-01	9.98E-01	1.48E+00	3.80E+00	N/A	4.15E-01
Spilker, Table 3	375	80	7500	6.60E-01	2.56E-01	7.66E-01	1.43E+00	4.12E+00	N/A	4.95E-01
Spilker, Table 3	375	80	10000	8.40E-01	1.50E-01	6.09E-01	1.40E+00	4.30E+00	N/A	5.54E-01
Spilker, Table 3	375	80	240	1.00E-01	1.14E+00	4.29E-01	1.26E+00	1.32E+00	N/A	3.65E-01
Spilker, Table 3	375	80	400	1.00E-01	1.62E+00	1.18E+00	1.94E+00	2.12E+00	N/A	1.55E-01
Spilker, Table 3	375	80	800	1.60E-01	1.13E+00	1.26E+00	1.61E+00	2.09E+00	N/A	2.44E-01
Spilker, Table 3	375	80	1500	2.00E-01	1.14E+00	1.65E+00	1.87E+00	3.00E+00	N/A	1.80E-01
Spilker, Table 3	375	80	3000	2.80E-01	9.79E-01	1.70E+00	2.03E+00	4.16E+00	N/A	1.97E-01
Spilker, Table 3	375	80	5000	4.20E-01	6.30E-01	1.28E+00	1.83E+00	4.49E+00	N/A	3.31E-01
Spilker, Table 3	375	80	7500	5.50E-01	5.07E-01	1.12E+00	1.92E+00	5.14E+00	N/A	3.94E-01
Spilker, Table 3	375	80	10000	7.40E-01	3.05E-01	8.26E-01	1.73E+00	5.01E+00	N/A	4.93E-01
Spilker, Table 3	375	100	240	1.70E-01	7.77E-01	6.70E-01	1.48E+00	1.02E+00	3.27E+00	4.16E-01
Spilker, Table 3	375	100	400	2.00E-01	8.24E-01	1.01E+00	1.66E+00	1.35E+00	3.75E+00	3.33E-01
Spilker, Table 3	375	100	800	2.70E-01	7.32E-01	1.22E+00	1.67E+00	1.85E+00	4.08E+00	2.81E-01
Spilker, Table 3	375	100	1500	3.60E-01	6.34E-01	1.27E+00	1.70E+00	2.56E+00	4.31E+00	2.59E-01
Spilker, Table 3	375	100	3000	5.20E-01	5.07E-01	1.17E+00	1.78E+00	3.57E+00	4.30E+00	2.84E-01
Spilker, Table 3	375	100	5000	7.80E-01	2.97E-01	8.92E-01	1.64E+00	3.92E+00	3.63E+00	3.95E-01
Spilker, Table 3	375	100	7500	1.06E+00	2.12E-01	7.71E-01	1.66E+00	4.34E+00	3.22E+00	4.66E-01
Spilker, Table 3	375	100	10000	1.37E+00	1.34E-01	6.54E-01	1.62E+00	4.46E+00	2.80E+00	5.31E-01
Spilker, Table 3	375	100	240	1.70E-01	7.77E-01	6.70E-01	1.48E+00	1.02E+00	3.27E+00	4.16E-01
Spilker, Table 3	375	100	400	1.90E-01	9.20E-01	1.12E+00	1.80E+00	1.47E+00	4.00E+00	2.98E-01
Spilker, Table 3	375	100	800	2.50E-01	8.70E-01	1.40E+00	1.89E+00	2.08E+00	4.48E+00	2.24E-01
Spilker, Table 3	375	100	1500	3.40E-01	7.30E-01	1.40E+00	1.86E+00	2.77E+00	4.62E+00	2.15E-01
Spilker, Table 3	375	100	3000	5.00E-01	5.67E-01	1.26E+00	1.89E+00	3.76E+00	4.51E+00	2.55E-01
Spilker, Table 3	375	100	5000	7.20E-01	4.05E-01	1.05E+00	1.86E+00	4.33E+00	4.01E+00	3.45E-01
Spilker, Table 3	375	100	7500	9.50E-01	3.52E-01	9.76E-01	1.97E+00	4.96E+00	3.71E+00	4.04E-01
Spilker, Table 3	375	100	10000	1.22E+00	2.73E-01	8.57E-01	1.94E+00	5.13E+00	3.27E+00	4.73E-01
Spilker, Table 3	375	120	240	2.80E-01	4.68E-01	6.89E-01	1.69E+00	7.86E-01	2.95E+00	4.54E-01
Spilker, Table 3	375	120	400	3.30E-01	4.90E-01	8.95E-01	1.78E+00	1.10E+00	3.56E+00	3.69E-01
Spilker, Table 3	375	120	800	4.70E-01	3.39E-01	8.56E-01	1.56E+00	1.48E+00	3.88E+00	3.44E-01
Spilker, Table 3	375	120	1500	6.20E-01	3.06E-01	8.97E-01	1.62E+00	2.19E+00	4.41E+00	3.04E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Spilker, Table 3	375	120	3000	9.40E-01	2.17E-01	8.27E-01	1.63E+00	2.96E+00	4.43E+00	3.46E-01
Spilker, Table 3	375	120	5000	1.34E+00	1.70E-01	7.85E-01	1.68E+00	3.51E+00	4.19E+00	4.09E-01
Spilker, Table 3	375	120	7500	1.79E+00	1.69E-01	7.98E-01	1.79E+00	4.00E+00	3.96E+00	4.62E-01
Spilker, Table 3	375	120	10000	2.34E+00	1.18E-01	7.27E-01	1.74E+00	4.07E+00	3.52E+00	5.28E-01
Spilker, Table 3	375	120	240	2.70E-01	5.23E-01	7.51E-01	1.79E+00	8.52E-01	3.09E+00	4.33E-01
Spilker, Table 3	375	120	400	3.20E-01	5.36E-01	9.54E-01	1.87E+00	1.17E+00	3.71E+00	3.50E-01
Spilker, Table 3	375	120	800	4.50E-01	3.99E-01	9.39E-01	1.68E+00	1.59E+00	4.09E+00	3.15E-01
Spilker, Table 3	375	120	1500	6.10E-01	3.28E-01	9.28E-01	1.66E+00	2.25E+00	4.50E+00	2.93E-01
Spilker, Table 3	375	120	3000	9.00E-01	2.71E-01	9.08E-01	1.74E+00	3.14E+00	4.67E+00	3.17E-01
Spilker, Table 3	375	120	5000	1.27E+00	2.35E-01	8.84E-01	1.83E+00	3.76E+00	4.47E+00	3.77E-01
Spilker, Table 3	375	120	7500	1.69E+00	2.39E-01	9.05E-01	1.96E+00	4.30E+00	4.26E+00	4.30E-01
Spilker, Table 3	375	120	10000	2.13E+00	2.29E-01	8.97E-01	2.01E+00	4.57E+00	3.97E+00	4.81E-01
Spilker, Table 3	375	150	240	6.70E-01	6.42E-02	2.25E-01	1.46E+00	3.08E-01	N/A	5.62E-01
Spilker, Table 3	375	150	400	8.00E-01	5.93E-02	3.02E-01	1.41E+00	5.38E-01	N/A	4.89E-01
Spilker, Table 3	375	150	800	1.12E+00	1.02E-01	3.26E-01	1.25E+00	8.79E-01	N/A	4.41E-01
Spilker, Table 3	375	150	1500	1.58E+00	1.10E-01	3.82E-01	1.22E+00	1.30E+00	N/A	4.26E-01
Spilker, Table 3	375	150	3000	2.17E+00	3.29E-02	6.74E-01	1.59E+00	2.18E+00	N/A	3.79E-01
Spilker, Table 3	375	150	5000	3.19E+00	4.98E-02	7.38E-01	1.64E+00	2.53E+00	N/A	N/A
Spilker, Table 3	375	150	7500	4.22E+00	1.22E-01	8.78E-01	1.83E+00	2.96E+00	N/A	N/A
Spilker, Table 3	375	150	10000	5.29E+00	1.56E-01	9.48E-01	1.92E+00	3.19E+00	N/A	N/A
Spilker, Table 3	375	150	240	6.70E-01	6.42E-02	2.25E-01	1.46E+00	3.08E-01	N/A	5.62E-01
Spilker, Table 3	375	150	400	8.00E-01	5.93E-02	3.02E-01	1.41E+00	5.38E-01	N/A	4.89E-01
Spilker, Table 3	375	150	800	1.10E+00	8.54E-02	3.50E-01	1.29E+00	9.13E-01	N/A	4.30E-01
Spilker, Table 3	375	150	1500	1.54E+00	8.66E-02	4.18E-01	1.28E+00	1.36E+00	N/A	4.11E-01
Spilker, Table 3	375	150	3000	2.35E+00	4.62E-02	5.45E-01	1.39E+00	1.94E+00	N/A	4.26E-01
Spilker, Table 3	375	150	5000	3.31E+00	1.18E-02	6.75E-01	1.55E+00	2.40E+00	N/A	N/A
Spilker, Table 3	375	150	7500	4.18E+00	1.32E-01	8.96E-01	1.86E+00	3.00E+00	N/A	N/A
Spilker, Table 3	375	150	10000	5.23E+00	1.70E-01	9.71E-01	1.96E+00	3.24E+00	N/A	N/A
Matsuo	360	118	50	1.20E-01	4.14E-02	5.88E-01	5.66E-01	6.77E-02	1.44E+00	6.60E-01
Matsuo	360	118	50	1.50E-01	2.33E-01	6.70E-01	2.52E-01	2.54E-01	9.53E-01	7.28E-01
Matsuo	360	118	50	1.70E-01	3.23E-01	7.09E-01	1.05E-01	3.42E-01	7.23E-01	7.60E-01
Matsuo	360	118	120	1.60E-01	5.33E-02	3.07E-01	8.29E-01	6.35E-02	1.86E+00	5.43E-01
Matsuo	360	118	120	2.10E-01	1.97E-01	4.72E-01	3.93E-01	1.90E-01	1.18E+00	6.52E-01
Matsuo	360	118	120	2.40E-01	2.98E-01	5.38E-01	2.19E-01	2.91E-01	9.06E-01	6.96E-01
Matsuo	360	118	240	2.10E-01	6.85E-02	4.83E-02	9.01E-01	1.65E-01	2.10E+00	4.80E-01
Matsuo	360	118	240	2.70E-01	1.69E-01	2.60E-01	4.79E-01	9.42E-02	1.41E+00	5.95E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Matsuo	360	118	240	2.70E-01	1.69E-01	2.60E-01	4.79E-01	9.42E-02	1.41E+00	5.95E-01
Matsuo	360	118	480	3.00E-01	1.99E-02	1.19E-01	7.51E-01	2.34E-01	2.09E+00	4.76E-01
Matsuo	360	118	480	3.30E-01	1.09E-01	1.70E-02	5.92E-01	1.21E-01	1.81E+00	5.23E-01
Matsuo	360	118	480	3.30E-01	1.09E-01	1.70E-02	5.92E-01	1.21E-01	1.81E+00	5.23E-01
Matsuo	360	118	960	3.30E-01	1.52E-01	5.67E-01	1.06E+00	8.20E-01	3.00E+00	3.35E-01
Matsuo	360	118	960	4.00E-01	4.98E-02	2.93E-01	6.97E-01	5.01E-01	2.30E+00	4.51E-01
Matsuo	360	118	960	4.40E-01	1.36E-01	1.75E-01	5.43E-01	3.65E-01	2.00E+00	5.01E-01
Matsuo	360	118	1920	4.50E-01	8.80E-02	6.41E-01	1.00E+00	1.33E+00	3.17E+00	3.36E-01
Matsuo	360	118	1920	5.50E-01	1.10E-01	3.43E-01	6.39E-01	9.05E-01	2.41E+00	4.56E-01
Matsuo	360	118	1920	5.90E-01	1.70E-01	2.52E-01	5.28E-01	7.75E-01	2.18E+00	4.93E-01
Matsuo	360	118	3000	5.00E-01	1.62E-01	8.20E-01	1.26E+00	2.09E+00	3.71E+00	2.79E-01
Matsuo	360	118	3000	6.30E-01	7.75E-02	4.45E-01	7.91E-01	1.46E+00	2.74E+00	4.27E-01
Matsuo	360	118	3000	6.40E-01	9.20E-02	4.22E-01	7.63E-01	1.42E+00	2.68E+00	4.36E-01
Matsuo	360	157	50	2.50E-01	1.06E-01	3.16E-01	1.84E+00	1.78E-01	N/A	6.69E-01
Matsuo	360	157	50	2.50E-01	1.06E-01	3.16E-01	1.84E+00	1.78E-01	N/A	6.69E-01
Matsuo	360	157	50	2.80E-01	2.02E-01	3.89E-01	1.54E+00	2.66E-01	N/A	7.05E-01
Matsuo	360	157	120	3.50E-01	9.94E-02	4.71E-02	1.82E+00	1.14E-01	N/A	5.68E-01
Matsuo	360	157	120	3.50E-01	9.94E-02	4.71E-02	1.82E+00	1.14E-01	N/A	5.68E-01
Matsuo	360	157	120	3.80E-01	1.70E-01	1.22E-01	1.59E+00	1.84E-01	N/A	6.02E-01
Matsuo	360	157	240	4.40E-01	7.74E-02	1.69E-01	1.74E+00	2.97E-02	N/A	4.77E-01
Matsuo	360	157	240	4.60E-01	1.18E-01	1.18E-01	1.62E+00	1.51E-02	N/A	4.99E-01
Matsuo	360	157	240	5.00E-01	1.88E-01	2.85E-02	1.41E+00	9.38E-02	N/A	5.39E-01
Matsuo	360	157	480	5.50E-01	5.90E-02	3.36E-01	1.63E+00	2.95E-01	N/A	3.85E-01
Matsuo	360	157	480	6.00E-01	1.37E-01	2.25E-01	1.41E+00	1.87E-01	N/A	4.37E-01
Matsuo	360	157	480	6.20E-01	1.65E-01	1.85E-01	1.33E+00	1.48E-01	N/A	4.55E-01
Matsuo	360	157	960	7.40E-01	1.00E-01	3.73E-01	1.42E+00	6.38E-01	N/A	3.49E-01
Matsuo	360	157	960	8.00E-01	1.68E-01	2.70E-01	1.23E+00	5.16E-01	N/A	3.98E-01
Matsuo	360	157	960	8.00E-01	1.68E-01	2.70E-01	1.23E+00	5.16E-01	N/A	3.98E-01
Matsuo	360	157	1920	8.00E-01	1.18E-01	8.04E-01	2.03E+00	1.76E+00	N/A	1.62E-01
Matsuo	360	157	1920	9.70E-01	7.80E-02	4.88E-01	1.50E+00	1.27E+00	N/A	3.09E-01
Matsuo	360	157	1920	1.00E+00	1.06E-01	4.43E-01	1.43E+00	1.21E+00	N/A	3.29E-01
Matsuo	360	196	50	4.00E-01	9.41E-03	9.27E-02	4.71E+00	3.69E-04	N/A	5.75E-01
Matsuo	360	196	50	4.20E-01	3.87E-02	4.07E-02	4.44E+00	4.80E-02	N/A	5.95E-01
Matsuo	360	196	50	4.60E-01	1.22E-01	4.98E-02	3.96E+00	1.31E-01	N/A	6.30E-01
Matsuo	360	196	120	6.00E-01	9.08E-02	1.70E-01	3.56E+00	1.72E-02	N/A	4.66E-01
Matsuo	360	196	120	6.20E-01	1.20E-01	1.32E-01	3.41E+00	4.89E-02	N/A	4.83E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Matsuo	360	196	120	6.30E-01	1.34E-01	1.14E-01	3.34E+00	6.40E-02	N/A	4.91E-01
Matsuo	360	196	240	7.40E-01	6.75E-02	3.13E-01	3.16E+00	1.68E-01	N/A	3.22E-01
Matsuo	360	196	240	8.00E-01	1.37E-01	2.15E-01	2.85E+00	8.04E-02	N/A	3.73E-01
Matsuo	360	196	240	8.50E-01	1.88E-01	1.43E-01	2.62E+00	1.68E-02	N/A	4.10E-01
Matsuo	360	196	480	9.80E-01	8.38E-02	3.98E-01	2.69E+00	4.15E-01	N/A	2.28E-01
Matsuo	360	196	480	1.00E+00	1.02E-01	3.70E-01	2.61E+00	3.86E-01	N/A	2.43E-01
Matsuo	360	196	480	1.10E+00	1.84E-01	2.45E-01	2.28E+00	2.60E-01	N/A	3.12E-01
Matsuo	360	196	960	1.30E+00	3.77E-02	5.91E-01	2.57E+00	8.60E-01	N/A	1.45E-01
Matsuo	360	196	960	1.30E+00	3.77E-02	5.91E-01	2.57E+00	8.60E-01	N/A	1.45E-01
Matsuo	360	196	960	1.40E+00	1.06E-01	4.77E-01	2.32E+00	7.27E-01	N/A	2.06E-01
Matsuo	360	235	50	5.00E-01	3.60E-01	6.80E-01	1.10E+01	5.32E-01	N/A	2.50E-01
Matsuo	360	235	50	5.30E-01	2.83E-01	5.85E-01	1.03E+01	4.46E-01	N/A	2.92E-01
Matsuo	360	235	50	6.00E-01	1.33E-01	4.00E-01	8.99E+00	2.77E-01	N/A	3.75E-01
Matsuo	360	235	120	7.50E-01	2.19E-01	7.05E-01	7.79E+00	4.76E-01	N/A	1.42E-02
Matsuo	360	235	120	8.00E-01	1.43E-01	5.98E-01	7.24E+00	3.84E-01	N/A	7.58E-02
Matsuo	360	235	120	8.20E-01	1.15E-01	5.59E-01	7.04E+00	3.50E-01	N/A	9.84E-02
Matsuo	360	235	240	1.20E+00	1.82E-02	5.84E-01	5.20E+00	3.63E-01	N/A	2.81E-03
Matsuo	360	235	240	1.20E+00	1.82E-02	5.84E-01	5.20E+00	3.63E-01	N/A	2.81E-03
Matsuo	360	235	240	1.20E+00	1.82E-02	5.84E-01	5.20E+00	3.63E-01	N/A	2.81E-03
Matsuo	360	235	480	1.70E+00	5.22E-02	8.11E-01	4.36E+00	5.71E-01	N/A	N/A
Matsuo	360	235	480	1.70E+00	5.22E-02	8.11E-01	4.36E+00	5.71E-01	N/A	N/A
Matsuo	360	235	480	1.80E+00	6.21E-03	7.10E-01	4.06E+00	4.84E-01	N/A	N/A
Matsuo	360	275	50	9.30E-01	2.35E-01	7.08E-01	1.44E+01	2.67E-01	N/A	5.31E-02
Matsuo	360	275	50	9.70E-01	1.84E-01	6.37E-01	1.37E+01	2.14E-01	N/A	9.64E-03
Matsuo	360	275	50	1.00E+00	1.49E-01	5.88E-01	1.33E+01	1.78E-01	N/A	2.07E-02
Matsuo	360	275	120	1.70E+00	1.83E-02	6.62E-01	8.38E+00	6.07E-02	N/A	N/A
Matsuo	360	275	120	1.70E+00	1.83E-02	6.62E-01	8.38E+00	6.07E-02	N/A	N/A
Matsuo	360	275	120	1.70E+00	1.83E-02	6.62E-01	8.38E+00	6.07E-02	N/A	N/A
Matsuo	360	275	240	2.50E+00	7.67E-02	9.59E-01	6.49E+00	1.37E-01	N/A	N/A
Matsuo	360	275	240	2.50E+00	7.67E-02	9.59E-01	6.49E+00	1.37E-01	N/A	N/A
Matsuo	360	275	240	2.50E+00	7.67E-02	9.59E-01	6.49E+00	1.37E-01	N/A	N/A
Matsuo	360	275	480	3.90E+00	1.81E-01	1.31E+00	5.24E+00	2.60E-01	N/A	N/A
Matsuo	360	275	480	3.90E+00	1.81E-01	1.31E+00	5.24E+00	2.60E-01	N/A	N/A
Matsuo	360	275	480	4.20E+00	9.65E-02	1.15E+00	4.79E+00	1.70E-01	N/A	N/A
Mayuzumi	352.85	54.9	420	7.00E-02	1.34E-01	7.99E-01	3.51E-01	1.34E-01	N/A	N/A
Mayuzumi	352.85	54.9	800	1.10E-01	2.58E-01	7.59E-01	3.97E-01	1.27E-02	N/A	N/A

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Mayuzumi	352.85	54.9	1600	1.50E-01	2.58E-01	6.56E-01	3.43E-01	1.02E-01	N/A	N/A
Mayuzumi	352.85	54.9	3200	2.00E-01	2.50E-01	5.09E-01	2.69E-01	2.88E-01	N/A	N/A
Mayuzumi	352.85	54.9	4800	2.40E-01	2.59E-01	4.15E-01	2.27E-01	4.32E-01	N/A	N/A
Mayuzumi	352.85	54.9	6400	3.00E-01	3.34E-01	4.03E-01	2.63E-01	4.24E-01	N/A	N/A
Mayuzumi	352.85	54.9	7400	3.10E-01	3.16E-01	3.50E-01	2.18E-01	5.45E-01	N/A	N/A
Mayuzumi	352.85	82.6	210	7.00E-02	1.59E-01	5.89E-01	1.62E-01	3.84E-01	2.86E+00	3.49E-01
Mayuzumi	352.85	82.6	420	1.10E-01	7.55E-03	4.92E-01	7.31E-02	2.62E-01	2.14E+00	4.16E-01
Mayuzumi	352.85	82.6	800	1.80E-01	1.85E-01	4.37E-01	9.14E-02	1.11E-01	1.42E+00	5.24E-01
Mayuzumi	352.85	82.6	1600	2.40E-01	1.84E-01	2.33E-01	4.76E-02	2.99E-01	1.32E+00	5.25E-01
Mayuzumi	352.85	82.6	3200	3.20E-01	1.94E-01	2.22E-02	4.45E-03	6.23E-01	1.23E+00	5.37E-01
Mayuzumi	352.85	82.6	4800	3.90E-01	2.27E-01	5.25E-02	2.56E-02	8.50E-01	1.12E+00	5.61E-01
Mayuzumi	352.85	82.6	6400	4.60E-01	2.68E-01	6.24E-02	3.05E-02	1.01E+00	9.88E-01	5.90E-01
Mayuzumi	352.85	82.6	7400	4.90E-01	2.74E-01	8.32E-02	5.99E-02	1.14E+00	9.66E-01	5.95E-01
Mayuzumi	352.85	97.1	420	1.80E-01	1.92E-01	4.50E-01	5.66E-02	1.16E-02	1.49E+00	5.25E-01
Mayuzumi	352.85	97.1	800	2.60E-01	2.67E-01	3.34E-01	1.90E-02	2.68E-03	1.23E+00	5.60E-01
Mayuzumi	352.85	97.1	1600	3.50E-01	2.82E-01	1.53E-01	1.55E-02	1.92E-01	1.19E+00	5.64E-01
Mayuzumi	352.85	97.1	3200	4.60E-01	2.88E-01	1.59E-02	3.19E-02	5.56E-01	1.20E+00	5.67E-01
Mayuzumi	352.85	97.1	4800	5.50E-01	3.06E-01	6.60E-02	7.18E-02	8.37E-01	1.16E+00	5.81E-01
Mayuzumi	352.85	97.1	6400	6.40E-01	3.34E-01	6.09E-02	9.47E-02	1.04E+00	1.09E+00	6.02E-01
Mayuzumi	352.85	97.1	7400	6.80E-01	3.36E-01	7.17E-02	1.31E-01	1.19E+00	1.08E+00	6.06E-01
Mayuzumi	352.85	114	50	1.20E-01	3.62E-01	7.94E-01	4.55E-02	3.43E-01	9.81E-01	7.11E-01
Mayuzumi	352.85	114	210	2.20E-01	3.38E-01	5.63E-01	8.51E-02	2.76E-01	1.08E+00	6.23E-01
Mayuzumi	352.85	114	420	3.00E-01	3.50E-01	4.15E-01	7.67E-02	2.22E-01	1.09E+00	6.08E-01
Mayuzumi	352.85	114	800	4.00E-01	3.70E-01	2.76E-01	3.96E-02	1.27E-01	1.10E+00	6.05E-01
Mayuzumi	352.85	114	1600	5.30E-01	3.80E-01	1.36E-01	2.31E-02	8.66E-02	1.18E+00	6.00E-01
Mayuzumi	352.85	114	3200	7.00E-01	3.93E-01	4.64E-02	5.54E-02	4.53E-01	1.26E+00	6.03E-01
Mayuzumi	352.85	114	4800	8.30E-01	4.02E-01	2.31E-02	1.12E-01	7.53E-01	1.29E+00	6.12E-01
Mayuzumi	352.85	114	6400	9.60E-01	4.19E-01	3.43E-02	1.51E-01	9.72E-01	1.26E+00	6.28E-01
Mayuzumi	352.85	114	7400	1.03E+00	4.24E-01	3.66E-02	1.83E-01	1.10E+00	1.25E+00	6.35E-01
Mayuzumi	401.85	59.7	50	1.40E-01	4.98E-01	4.41E-01	1.42E-01	3.92E-01	N/A	N/A
Mayuzumi	401.85	59.7	100	2.90E-01	4.44E-02	5.00E-01	3.62E-01	7.16E-02	N/A	N/A
Mayuzumi	401.85	59.7	200	3.60E-01	5.24E-04	2.94E-01	2.12E-01	7.49E-02	N/A	N/A
Mayuzumi	401.85	59.7	400	5.00E-01	7.96E-02	1.77E-01	1.34E-01	1.88E-01	N/A	N/A
Mayuzumi	401.85	59.7	600	5.70E-01	7.03E-02	8.18E-02	2.36E-02	3.90E-01	N/A	N/A
Mayuzumi	401.85	59.7	800	6.40E-01	8.34E-02	4.53E-02	4.25E-02	5.44E-01	N/A	N/A
Mayuzumi	401.85	59.7	1000	7.10E-01	1.04E-01	3.69E-02	8.51E-02	6.66E-01	N/A	N/A

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Mayuzumi	401.85	59.7	1200	8.60E-01	2.07E-01	1.31E-01	1.04E-02	6.02E-01	N/A	N/A
Mayuzumi	401.85	59.7	1600	9.30E-01	1.78E-01	8.04E-02	1.37E-01	8.99E-01	N/A	N/A
Mayuzumi	401.85	59.7	2000	1.07E+00	2.13E-01	1.13E-01	1.58E-01	1.01E+00	N/A	N/A
Mayuzumi	401.85	88.5	50	2.90E-01	2.46E-01	1.01E-01	6.62E-02	5.19E-01	N/A	N/A
Mayuzumi	401.85	88.5	100	5.00E-01	7.54E-02	1.60E-01	8.50E-02	1.85E-01	N/A	N/A
Mayuzumi	401.85	88.5	200	6.40E-01	8.65E-02	2.97E-02	4.46E-02	3.27E-01	N/A	N/A
Mayuzumi	401.85	88.5	400	9.30E-01	1.99E-01	6.78E-02	4.99E-02	4.32E-01	N/A	N/A
Mayuzumi	401.85	88.5	600	1.14E+00	2.33E-01	8.06E-02	7.98E-02	5.85E-01	N/A	N/A
Mayuzumi	401.85	88.5	800	1.43E+00	3.07E-01	1.56E-01	2.43E-02	5.95E-01	N/A	N/A
Mayuzumi	401.85	88.5	1000	1.57E+00	2.96E-01	1.37E-01	7.54E-02	7.55E-01	N/A	N/A
Mayuzumi	401.85	88.5	1200	1.79E+00	3.21E-01	1.64E-01	6.51E-02	8.04E-01	N/A	N/A
Mayuzumi	401.85	88.5	1600	2.14E+00	3.31E-01	1.72E-01	9.11E-02	9.51E-01	N/A	N/A
Mayuzumi	401.85	88.5	2000	2.43E+00	3.22E-01	1.61E-01	1.35E-01	1.11E+00	N/A	N/A
Mayuzumi	401.85	104	50	4.30E-01	7.50E-02	5.10E-02	1.71E-01	4.99E-01	N/A	N/A
Mayuzumi	401.85	104	100	6.40E-01	8.85E-02	5.23E-02	1.32E-01	3.37E-01	N/A	N/A
Mayuzumi	401.85	104	200	8.60E-01	1.43E-01	1.34E-02	1.96E-01	4.24E-01	N/A	N/A
Mayuzumi	401.85	104	400	1.21E+00	2.05E-01	2.58E-02	2.17E-01	5.98E-01	N/A	N/A
Mayuzumi	401.85	104	600	1.64E+00	2.93E-01	1.11E-01	1.28E-01	6.09E-01	N/A	N/A
Mayuzumi	401.85	104	800	1.93E+00	3.00E-01	1.08E-01	1.44E-01	7.31E-01	N/A	N/A
Mayuzumi	401.85	104	1000	2.21E+00	3.04E-01	1.05E-01	1.56E-01	8.30E-01	N/A	N/A
Mayuzumi	401.85	104	1200	2.50E+00	3.10E-01	1.07E-01	1.60E-01	8.99E-01	N/A	N/A
Mayuzumi	401.85	104	1600	3.00E+00	3.02E-01	8.90E-02	1.94E-01	1.05E+00	N/A	N/A
Mayuzumi	401.85	104	2000	3.57E+00	3.10E-01	9.52E-02	1.94E-01	1.12E+00	N/A	N/A
Mayuzumi	401.85	121	50	7.10E-01	1.67E-01	1.61E-01	1.83E-01	2.44E-01	N/A	N/A
Mayuzumi	401.85	121	100	1.00E+00	2.58E-01	1.65E-01	1.67E-01	1.76E-01	N/A	N/A
Mayuzumi	401.85	121	200	1.43E+00	3.33E-01	1.90E-01	1.24E-01	1.96E-01	N/A	N/A
Mayuzumi	401.85	121	400	2.14E+00	3.90E-01	2.12E-01	6.26E-02	2.88E-01	N/A	N/A
Mayuzumi	401.85	121	600	2.86E+00	4.26E-01	2.38E-01	5.37E-03	3.29E-01	N/A	N/A
Mayuzumi	401.85	121	800	3.43E+00	4.24E-01	2.23E-01	9.04E-03	4.12E-01	N/A	N/A
Mayuzumi	401.85	121	1000	4.00E+00	4.24E-01	2.14E-01	1.04E-02	4.72E-01	N/A	N/A
Mayuzumi	401.85	121	1200	4.64E+00	4.32E-01	2.19E-01	4.25E-03	4.94E-01	N/A	N/A
Mayuzumi	401.85	121	1600	5.60E+00	4.12E-01	1.82E-01	3.14E-02	6.10E-01	N/A	N/A
Mayuzumi	401.85	121	2000	6.66E+00	4.24E-01	1.94E-01	1.03E-02	6.19E-01	N/A	N/A
Limback	385	80	120	2.50E-01	4.72E-02	4.07E-01	9.30E-02	3.17E-02	N/A	8.11E-01
Limback	385	80	240	3.50E-01	1.09E-01	2.60E-01	5.55E-02	4.38E-03	N/A	7.89E-01
Limback	385	80	360	5.00E-01	2.76E-01	3.07E-01	1.82E-01	9.99E-02	N/A	8.12E-01

Data Origin	Temperature (°C)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Result for Matsuo's Correlation	Result for Murty's Correlation	Result for Mayuzumi's Correlation	Result for Limback's Correlation	Result for Spilker's Correlation	Result for Peehs' Correlation
Limback	385	80	480	5.50E-01	2.70E-01	2.40E-01	1.37E-01	9.54E-03	N/A	7.99E-01
Limback	385	120	120	5.50E-01	1.72E-01	1.15E-01	4.18E-01	2.45E-02	7.83E-01	7.88E-01
Limback	385	120	240	9.50E-01	3.93E-01	2.61E-01	9.57E-02	1.31E-01	6.40E-01	8.01E-01
Limback	385	120	360	1.25E+00	4.68E-01	3.20E-01	1.85E-02	1.39E-01	6.35E-01	8.02E-01
Limback	385	120	480	1.45E+00	4.91E-01	3.30E-01	4.56E-02	8.70E-02	7.08E-01	7.95E-01
Limback	330	120	120	7.00E-02	4.15E-01	8.41E-01	1.49E-01	2.43E-01	2.24E+00	3.24E-01
Limback	330	120	240	1.00E-01	4.32E-01	7.80E-01	1.45E-01	2.53E-01	1.92E+00	3.40E-01
Limback	330	120	360	1.20E-01	4.28E-01	7.28E-01	1.32E-01	2.36E-01	1.81E+00	3.45E-01
Limback	330	120	480	1.10E-01	2.88E-01	6.08E-01	8.06E-02	3.19E-02	2.41E+00	1.97E-01
Limback	330	120	600	1.40E-01	3.81E-01	6.19E-01	6.34E-02	1.43E-01	1.90E+00	3.12E-01
Limback	330	120	720	1.40E-01	3.28E-01	5.48E-01	1.21E-02	5.34E-02	2.10E+00	2.63E-01
Limback	330	120	960	2.10E-01	4.91E-01	6.07E-01	2.41E-01	2.58E-01	1.29E+00	4.55E-01
Limback	360	120	120	2.60E-01	3.29E-01	5.44E-01	2.03E-01	3.25E-01	8.22E-01	7.08E-01
Limback	360	120	240	3.20E-01	2.76E-01	3.37E-01	3.27E-01	2.11E-01	1.12E+00	6.45E-01
Limback	360	120	360	4.20E-01	3.53E-01	3.13E-01	1.88E-01	2.39E-01	9.89E-01	6.64E-01
Limback	360	120	480	5.00E-01	3.93E-01	2.94E-01	1.11E-01	2.34E-01	9.39E-01	6.73E-01
Limback	400	120	120	1.25E+00	4.12E-01	3.27E-01	5.71E-02	6.20E-02	N/A	8.77E-01
Limback	400	120	240	2.00E+00	5.26E-01	4.16E-01	1.90E-01	1.31E-01	N/A	8.67E-01
Limback	400	120	360	2.70E+00	5.81E-01	4.66E-01	2.69E-01	1.50E-01	N/A	8.66E-01
Limback	400	120	480	3.50E+00	6.27E-01	5.14E-01	3.43E-01	1.86E-01	N/A	8.72E-01

This attachment is aimed at verifying that the Excel formulas used to perform the calculations provide correct results for their associated range of input parameters.

This concerns the following formulas:

- Conversion of temperature from Celsius to Kelvin scale
- Conversion of time from hours to seconds
- Calculation of Young's modulus
- Calculation of Matsuo's primary creep strain
- Calculation of Matsuo's steady-state creep rate
- Calculation of Matsuo's total creep strain
- Calculation of Murty's glide creep rate
- Calculation of Murty's Coble creep rate
- Calculation of Murty's total creep strain
- Calculation of Mayuzumi's steady-state creep rate
- Calculation of Mayuzumi's primary creep strain
- Calculation of Mayuzumi's total creep strain
- Calculation of Limback's steady-state creep rate
- Calculation of Limback's primary creep strain
- Calculation of Limback's total creep strain
- Calculation of Spilker's temperature T_f
- Calculation of Spilker's parameter m
- Calculation of Spilker's total creep strain
- Calculation of Peehs' total creep strain
- Calculation of relative error between a correlation and an experimental point.

Conversion of temperature from Celsius scale to Kelvin scale

Equation: If T_c is the temperature (in °C), the corresponding temperature T (in K) is calculated as: $T = T_c + 273.15$.

Input range: Temperature T_c ranges from 250°C to 401.85°C.

Routine programmed in Excel spreadsheet: With a temperature (in °C) in Cell *C2*, the programmed routine for calculating the temperature (in K) in Cell *G2* is: *G2* = *C2*+273.15. In order to obtain the result associated with the other parameter values, this routine has been pasted over the rest of Column *G*.

Computer generated results for the range of input parameters:

- For T_c = 250°C, the temperature calculated by Excel is 523.15 K.
- For T_c = 401.85°C, the temperature calculated by Excel is 675 K.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Conversion of time from hours (h) to seconds (s)

Equation: If t is the time in hours, the corresponding time t_s in seconds is calculated as: $t_s = t \times 3600$.

Input range: Time t ranges from 50 h to 10000 h.

Routine programmed in Excel spreadsheet: With a time (in h) in Cell *E2*, the programmed routine for calculating the temperature (in s) in Cell *T2* is: *T2 = E2*3600*. In order to obtain the result associated with the other parameter values, this routine has been pasted over the rest of Column *T*.

Computer generated results for the range of input parameters:

- For t = 50 h, the time calculated by Excel is 1.8×10^5 s.
- For T_c = 10000 h, the time calculated by Excel is 3.6×10^7 s.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of temperature considered.

Calculation of Young's modulus E (in MPa) as a function of temperature T (in K)

Equation: $E = 1.148\times10^5 - 5.99\times10\times T$

Input range: Temperature T ranges from 523.15 K to 675 K.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, the programmed routine for calculating Young's modulus (in MPa) in Cell *I2* is: *I2* = 114800-5.99*10**G2*. In order to obtain the Young's modulus associated with the other parameter values, this formula has been pasted over the rest of Column *I*.

Computer generated results for the range of input parameters:

- For T = 523.15 K, Young's modulus calculated by Excel is 83463.32 MPa.
- For T = 675 K, Young's modulus calculated by Excel is 74367.50 MPa.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Matsuo's primary creep strain as a function of temperature (in K) and hoop stress (in MPa)

Equation: see Section 5.2.1. It should be noted that Matsuo's primary creep strain is calculated using temperature, hoop stress, and Young's modulus. Because Young's modulus is calculated as a function of temperature, the actual input parameters are temperature and hoop stress.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, a Young's modulus (in MPa) in Cell *I2*, a hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Matsuo's primary creep strain in Cell *J2* is:

J2 = 0.0216*POWER(3620000000000**I2/G2**EXP(2400**D2/I2*-272000/(8.3169**G2*)),0.109)

In order to obtain Matsuo's primary creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *J*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Matsuo's primary strain calculated by Excel is: 1.15×10^{-3}.
- For a temperature of 675 K and a hoop stress of 275 MPa, Matsuo's primary strain calculated by Excel is: 1.13×10^{-2}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Matsuo's steady-state creep rate as a function of temperature (in K) and hoop stress (in MPa)

Equation: see Section 5.2.1. It should be noted that Matsuo's steady-state creep rate is calculated using temperature, hoop stress, and Young's modulus. Because Young's modulus is calculated as a function of temperature, the actual input parameters are temperature and hoop stress.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, a Young's modulus (in MPa) in Cell *I2*, a hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Matsuo's steady-state creep rate (in h^{-1}) in Cell *K2* is:

K2 = 15700000000000**I2/G2*POWER(SINH(1130**D2/I2*),2.1)*EXP(-272000/(8.3169**G2*))

In order to obtain Matsuo's steady-state creep rate associated with the other parameter values, this formula has been pasted over the rest of Column *K*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Matsuo's steady-state creep rate calculated by Excel is: 1.15×10^{-12} h^{-1}.
- For a temperature of 675 K and a hoop stress of 275 MPa, Matsuo's steady-state creep rate calculated by Excel is: 2.37×10^{-3} h^{-1}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Matsuo's total creep strain as a function of temperature (in K), hoop stress (in MPa), and time (in h)

Equation: see Section 5.2.1. It should be noted that Matsuo's total creep strain is calculated on the basis of Matsuo's primary creep strain, Matsuo's steady-state creep rate, and time. Because Matsuo's primary creep strain and steady-state creep rate are calculated as a function of temperature and hoop stress, the actual input parameters for Matsuo's total creep strain are temperature, hoop stress, and time.

Input range: The temperature ranges from 523.15 K to 675 K, the hoop stress ranges from 54.9 MPa to 275 MPa, and the time ranges from 50 h to 10000 h.

Routine programmed in Excel spreadsheet: With a time (in h) in Cell *E2*, Matsuo's primary creep strain in Cell *J2*, Matsuo's creep strain rate (in h^{-1}) in Cell *K2*, the programmed routine for calculating Matsuo's total creep strain (in percent) in Cell *H2* is:

H2 = 100*(*J2**(1-EXP(-52*SQRT(*K2***E2*)))+*K2***E2*)

In order to obtain Matsuo's total creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *H*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K, a hoop stress of 54.9 MPa, and a time of 50 h, Matsuo's total creep strain calculated by Excel is: 4.52×10^{-5} percent.

- For a temperature of 675 K, a hoop stress of 275 MPa, and a time of 10000 h, Matsuo's total creep strain calculated by Excel is: 2.37×10^{3} percent.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Murty's glide creep rate as a function of temperature (in K) and hoop stress (in MPa)

Equation: The equation giving Murty's glide creep rate is given in Section 5.2.2. However, this equation uses hoop stress and Young's modulus expressed in Pa, while these parameters are given in MPa in Excel spreadsheet. To account for hoop stress and Young's modulus expressed in MPa, Murty's glide creep rate can be rewritten in an equivalent manner as follows:

$$\dot{\varepsilon}_{gl} = 4.97\times10^{6}\times e^{-31200/T}\,\frac{E\times10^{6}}{T}\left[\sinh\left(807\frac{\sigma}{E}\right)\right]^{3}$$

where T is the temperature in K, σ is the hoop stress in MPa, and E is Young's modulus in MPa.

It should be noted that, because Young's modulus is calculated as a function of temperature, it does not constitute an input parameter. The actual input parameters are temperature and hoop stress.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, a Young's modulus (in MPa) in Cell *I2*, a hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Murty's glide creep rate (in h^{-1})in Cell *N2* is:

N2 = 4970000*EXP(-31200/*G2*)**I2**1000000/*G2**POWER(SINH(807**D2/I2*),3)

In order to obtain Murty's glide creep rate associated with the other parameter values, this formula has been pasted over the rest of Column *N*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Murty's glide creep rate calculated by Excel is: 1.71×10^{-12} h^{-1}.

- For a temperature of 675 K and a hoop stress of 275 MPa, Murty's glide creep rate calculated by Excel is: 4.43×10^{-3} h^{-1}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Murty's Coble creep rate as a function of temperature (in K) and hoop stress (in MPa)

Equation: The equation giving Murty's Coble creep rate is given in Section 5.2.2. However, this equation uses hoop stress expressed in Pa, while this parameter is given in MPa in Excel spreadsheet. To account for hoop stress expressed in MPa, Murty's Coble creep rate can be rewritten in an equivalent manner as follows:

$$\dot{\varepsilon}_{cb} = 8.83\, e^{-21000/T}\, \frac{\sigma \times 10^6}{T}$$

where T is the temperature in K, and σ is the hoop stress in MPa.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, and a hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Murty's Coble creep rate (in h^{-1})in Cell *O2* is:

$$O2 = 8.83*\text{EXP}(-21000/G2)*D2*1000000/G2$$

In order to obtain Murty's Coble creep associated with the other parameter values, this formula has been pasted over the rest of Column *O*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Murty's Coble creep rate calculated by Excel is: 3.42×10^{-12} h^{-1}.

- For a temperature of 675 K and a hoop stress of 275 MPa, Murty's Coble creep rate calculated by Excel is: 1.11×10^{-7} h^{-1}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Murty's total creep strain as a function of temperature (in K), hoop stress (in MPa), and time (in h)

Equation: see Section 5.2.2. It should be noted that Murty's total creep strain is calculated on the basis of Murty's glide creep rate, Murty's Coble creep rate, and time. Because Murty's glide creep rate and Coble creep rate are calculated as a function of temperature and hoop stress, the actual input parameters for Murty's total creep strain are temperature, hoop stress, and time.

Input range: The temperature ranges from 523.15 K to 675 K, the hoop stress ranges from 54.9 MPa to 275 MPa, and the time ranges from 50 h to 10000 h.

Routine programmed in Excel spreadsheet: With a time (in h) in Cell *E2*, Murty's glide creep rate (in h^{-1}) in Cell *N2*, Murty's Coble creep rate (in h^{-1}) in Cell *O2*, the programmed routine for calculating Murty's total creep strain (in percent) in Cell *L2* is:

$$L2 = (N2*E2+0.008*10*N2*E2/(0.008+10*N2*E2)+O2*E2)*100$$

In order to obtain Matsuo's total creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *L*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K, a hoop stress of 54.9 MPa, and a time of 50 h, Murty's total creep strain calculated by Excel is: 1.11×10^{-7} percent.
- For a temperature of 675 K, a hoop stress of 275 MPa, and a time of 10000 h, Murty's total creep strain calculated by Excel is: 4.43×10^{3} percent.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Mayuzumi's steady-state creep rate as a function of temperature (in K) and hoop stress (in MPa)

Equation: see Section 5.2.3. It should be noted that Mayuzumi's steady-state creep rate is calculated using temperature, hoop stress, and Young's modulus. Because Young's modulus is calculated as a function of temperature, the actual input parameters are temperature and hoop stress.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, a Young's modulus (in MPa) in Cell *I2*, a hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Mayuzumi's steady-state creep rate (in s^{-1}) in Cell *V2* is:

$$V2 = 72600*I2/G2*\text{EXP}(2320*D2/I2-215000/(8.314*G2))$$

In order to obtain Mayuzumi's steady-state creep rate associated with the other parameter values, this formula has been pasted over the rest of Column *V*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Mayuzumi's steady-state creep rate calculated by Excel is: 1.81×10^{-14} s^{-1}.
- For a temperature of 675 K and a hoop stress of 275 MPa, Mayuzumi's steady-state creep rate calculated by Excel is: 9.78×10^{-7} s^{-1}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Mayuzumi's primary creep strain as a function of temperature (in K) and hoop stress (in MPa)

Equation: see Section 5.2.3. It should be noted that Mayuzumi's primary creep strain is calculated using temperature and Mayuzumi's steady-state creep rate. Because Mayuzumi's steady-state creep rate is calculated as a function of temperature and hoop stress, the actual input parameters are temperature and hoop stress.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, and Mayuzumi's steady-state creep rate (in s^{-1}) in Cell *V2*, the programmed routine for calculating Mayuzumi's primary creep strain in Cell *U2* is:

$$U2 = \text{EXP}(-0.0866*G2+64.1)*\text{POWER}(V2,-0.00336*G2+2.81)$$

In order to obtain Mayuzumi's primary creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *U*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Mayuzumi's primary creep strain calculated by Excel is: 5.06×10^{-7}.

- For a temperature of 675 K and a hoop stress of 275 MPa, Mayuzumi's primary creep strain calculated by Excel is: 1.56×10^{-1}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Mayuzumi's total creep strain as a function of temperature (in K), hoop stress (in MPa), and time (in s)

Equation: see Section 5.2.3. It should be noted that Mayuzumi's total creep strain is calculated on the basis of Mayuzumi's primary creep strain, Mayuzumi's steady-state creep rate, and time. Because Mayuzumi's primary creep strain and steady-state creep rate are calculated as a function of temperature and hoop stress, the actual input parameters for Mayuzumi's total creep strain are temperature, hoop stress, and time.

Input range: The temperature ranges from 523.15 K to 675 K, the hoop stress ranges from 54.9 MPa to 275 MPa, and the time ranges from 50 h (i.e., 1.8×10^{5} s) to 10000 h (i.e., 3.6×10^{7} s).

Routine programmed in Excel spreadsheet: With a time (in s) in Cell *T2*, Mayuzumi's primary creep strain in Cell *U2*, Mayuzumi's creep strain rate (in h^{-1}) in Cell *V2*, the programmed routine for calculating Mayuzumi's total creep strain (in percent) in Cell *R2* is:

$$R2 = 100*(U2*(1-EXP(-92800000*EXP(-0.0212*G2)*POWER(V2*T2,0.63)))+V2*T2)$$

In order to obtain Mayuzumi's total creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *R*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K, a hoop stress of 54.9 MPa, and a time of 50 h (i.e., 1.8×10^{5} s), Mayuzumi's total creep strain calculated by Excel is: 6.48×10^{-7} percent.

- For a temperature of 675 K, a hoop stress of 275 MPa, and a time of 10000 h (i.e., 3.6×10^{7} s), Mayuzumi's total creep strain calculated by Excel is: 3.54×10^{3} percent.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Limback's steady-state creep rate as a function of temperature (in K) and hoop stress (in MPa)

Equation: see Section 5.2.4. It should be noted that Limback's steady-state creep rate is calculated using temperature, hoop stress, and Young's modulus. Because Young's modulus is calculated as a function of temperature, the actual input parameters are temperature and hoop stress.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, a Young's modulus (in MPa) in Cell *I2*, a hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Limback's steady-state creep rate (in h^{-1})in Cell *Z2* is:

$$Z2 = 1060000000*I2/G2*\text{POWER}(\text{SINH}(650*D2/I2),2)*\text{EXP}(-201000/(8.314*G2))$$

In order to obtain Limback's steady-state creep rate associated with the other parameter values, this formula has been pasted over the rest of Column *Z*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Limback's steady-state creep rate calculated by Excel is: 2.80×10^{-10} h^{-1}.
- For a temperature of 675 K and a hoop stress of 275 MPa, Limback's steady-state creep rate calculated by Excel is: 9.80×10^{-4} h^{-1}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Limback's primary creep strain as a function of temperature (in K) and hoop stress (in MPa)

Equation: see Section 5.2.4. It should be noted that Limback's primary creep strain is calculated using Limback's steady-state creep rate. Because Limback's steady-state creep rate is calculated as a function of temperature and hoop stress, the actual input parameters are temperature and hoop stress.

Input range: The temperature ranges from 523.15 K to 675 K, and the hoop stress ranges from 54.9 MPa to 275 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in K) in Cell *G2*, and Limback's steady-state creep rate (in h^{-1}) in Cell *Z2*, the programmed routine for calculating Limback's primary creep strain in Cell *Y2* is:

$$Y2 = 0.0216*POWER(Z2,0.109)*POWER(2-TANH(35500*Z2),-2.05)$$

In order to obtain Limback's primary creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *Y*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K and a hoop stress of 54.9 MPa, Limback's primary strain calculated by Excel is: 4.74×10^{-4}.
- For a temperature of 675 K and a hoop stress of 275 MPa, Limback's primary strain calculated by Excel is: 1.02×10^{-2}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Limback's total creep strain as a function of temperature (in K), hoop stress (in MPa), and time (in h)

Equation: see Section 5.2.4. It should be noted that Limback's total creep strain is calculated on the basis of Limback's primary creep strain, Limback's steady-state creep rate, and time. Because Limback's primary creep strain and steady-state creep rate are calculated as a function of temperature and hoop stress, the actual input parameters for Limback's total creep strain are temperature, hoop stress, and time.

Input range: The temperature ranges from 523.15 K to 675 K, the hoop stress ranges from 54.9 MPa to 275 MPa, and the time ranges from 50 h to 10000 h.

Routine programmed in Excel spreadsheet: With a time (in h) in Cell *E2*, Limback's primary creep strain in Cell *Y2*, Limback's creep strain rate (in h^{-1}) in Cell *Z2*, the programmed routine for calculating Limback's total creep strain (in percent) in Cell *W2* is:

$$W2 = 100*(Y2*(1-EXP(-52*SQRT(Z2*E2)))+Z2*E2)$$

In order to obtain Limback's total creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *W*.

Computer generated results for the range of input parameters:

- For a temperature of 523.15 K, a hoop stress of 54.9 MPa, and a time of 50 h, Limback's total creep strain calculated by Excel is: 2.92×10^{-4} percent.

- For a temperature of 675 K, a hoop stress of 275 MPa, and a time of 10000 h, Limback's total creep strain calculated by Excel is: 9.81×10^{2} percent.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Spilker's temperature T_f as a function of temperature (in °C) and hoop stress (in MPa)

Equation: see Section 5.2.5.

Input range: The equation is valid on a restricted range of temperature and hoop stress (see Section 5.2.5). Relevant experimental points used in the calculation have a temperature ranging from 250°C to 385°C, and a hoop stress ranging from 82.6 MPa to 146 MPa.

Routine programmed in Excel spreadsheet: With a temperature (in °C) in Cell *C2*, and a hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Spilker's temperature T_f (in °C) in Cell *AB2* is:

$$AB2 = C2+(D2-80)*45/70$$

In order to obtain Spilker's temperature T_f associated with the other parameter values, this formula has been pasted over the rest of Column *AB*.

Computer generated results for the range of input parameters:

- For a temperature of 250°C and a hoop stress of 82.6 MPa, Spilker's temperature T_f calculated by Excel is: 2.52×10^{2} °C.

- For a temperature of 385°C and a hoop stress of 146 MPa, Spilker's temperature T_f calculated by Excel is: 4.27×10^{2} °C.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Spilker's parameter *m* as a function of temperature (in °C) and hoop stress (in MPa)

Equation: see Section 5.2.5. It should be noted that Spilker's parameter *m* is calculated on the basis of Spilker's temperature T_f. Because Spilker's temperature T_f is calculated as a function of temperature and hoop stress, the actual input parameters for Spilker's parameter *m* are temperature and hoop stress.

Input range: The equation is valid on a restricted range of temperature and hoop stress (see Section 5.2.5). Relevant experimental points used in the calculation have a temperature ranging from 250°C to 385°C, and a hoop stress ranging from 82.6 MPa to 146 MPa.

Routine programmed in Excel spreadsheet: With Spilker's temperature T_f (in °C) in Cell *AB2*, Spilker's parameter *m* in Cell *AC2* is:

AC2 = 0.0000000000000361705+0.000500028**AB2*-
0.000000555901**AB2*^2+0.0000000715481**AB2*^3-
0.00000000181897**AB2*^4+0.0000000000207254**AB2*^5-
0.00000000000126131**AB2*^6+4.3332E-16**AB2*^7-8.35848E-19**AB2*^8+8.42689E-
22**AB2*^9-3.45181E-25**AB2*^10

In order to obtain Spilker's parameter *m* associated with the other parameter values, this formula has been pasted over the rest of Column *AC*.

Computer generated results for the range of input parameters:

- For a temperature of 250°C and a hoop stress of 82.6 MPa, Spilker's parameter *m* calculated by Excel is: 1.29×10^{-1}.
- For a temperature of 385°C and a hoop stress of 146 MPa, Spilker's parameter *m* calculated by Excel is: 7.77×10^{-1}.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Spilker's total creep strain as a function of temperature (in K), hoop stress (in MPa), and time (in h)

Equation: see Section 5.2.5. It should be noted that Spilker's total creep strain is calculated on the basis of time and Spilker's parameter *m*. Because Spilker's parameter *m* is calculated as a function of temperature and hoop stress, the actual input parameters for Spilker's total creep strain are temperature, hoop stress, and time.

Input range: The equation is valid on a restricted range of temperature and hoop stress (see Section 5.2.5). Relevant experimental points used in the calculation have a temperature ranging from 250°C to 385°C, and a hoop stress ranging from 82.6 MPa to 146 MPa. Time ranges from 50 h to 10000 h.

Routine programmed in Excel spreadsheet: With a time (in h) in Cell *E2* and Spilker's parameter *m* in Cell *AC2*, the programmed routine for calculating Spilker's total creep strain (in percent) in Cell *AA2* is:

$$AA2 = 0.04*\text{POWER}(E2,AC2)$$

In order to obtain Spilker's total creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *AA*.

Computer generated results for the range of input parameters:

- For a temperature of 250°C, a hoop stress of 82.6 MPa, and a time of 50 h, Spilker's total creep strain calculated by Excel is: 6.63×10^{-2} percent.
- For a temperature of 385°C, a hoop stress of 146 MPa, and a time of 10000 h, Spilker's total creep strain calculated by Excel is: 5.12×10^{1} percent.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of Peehs' total creep strain as a function of temperature (in K), hoop stress (in MPa), and time (in h)

Equation: see Section 5.2.6.

Input range: The equation is valid on a restricted range of temperature and hoop stress. Furthermore, total creep strain must not exceed 1.5 percent (see Section 5.2.6). Relevant experimental points used in the calculation have a temperature ranging from 300°C to 400°C, i.e., 573.15 K to 673.15 K, and a hoop stress ranging from 80 MPa to 275 MPa. Time ranges from 50 h to 10000 h.

Routine programmed in Excel spreadsheet: With time (in h) in Cell *E2*, temperature (in K) in Cell *G2*, and hoop stress (in MPa) in Cell *D2*, the programmed routine for calculating Peehs' total creep strain (in percent) in Cell *AE2* is:

$$AE2 = 0.00189*\text{POWER}(610/G2-\text{LN}(D2/450)/\text{LN}(E2+1)-1,-2.58)$$

In order to obtain Peehs' total creep strain associated with the other parameter values, this formula has been pasted over the rest of Column *AE*.

Computer generated results for the range of input parameters: The temperature, hoop stress, and time ranges within which Peehs' equation remains valid are not independent from each other. The points which have been chosen as representative of the input parameter range are as follows:

- For a temperature of 573.15 K, a hoop stress of 80 MPa, and a time of 50 h, Peehs' total creep strain calculated by Excel is: 1.11×10^{-2} percent.
- For a temperature of 633.15 K, a hoop stress of 235 MPa, and a time of 240 h, Peehs' total creep strain calculated by Excel is: 1.20 percent.

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routine provides correct results over the range of input parameters considered.

Calculation of relative error between a correlation and an experimental point

Equation: see Section 5.3. For each correlation, the relative error is the absolute value of the difference between the calculated and measured value divided by the measured value [Abs((Calculated-Measured)/Measured)].

Input range: The input ranges compatible with each correlation have been given previously; they are not repeated here. Two experimental points, extracted from Table I-1 of Attachment I, have been chosen as representative for covering an input range compatible with all the correlations. They are given in Table IV-1, along with the corresponding total creep strains associated with each correlation, calculated by Excel (note that these calculations have proven to be correct, as demonstrated previously).

Table IV-1. Representative Experimental Points along with Calculated Creep Strains

Temperature (K)	Hoop Stress (MPa)	Time (h)	Measured Creep Strain (%)	Matsuo's Correlation	Murty's Correlation	Mayuzumi's Correlation	Limback's Correlation	Spilker's Correlation	Peehs' Correlation
573.15	100	240	0.11	7.18×10^{-3}	6.95×10^{-4}	3.62×10^{-3}	1.63×10^{-2}	1.30×10^{-1}	3.09×10^{-2}
658.15	120	480	1.45	0.738	0.972	1.38	1.32	2.48	0.297

Routine programmed in Excel spreadsheet: Table IV-2 gives the formula entered in Excel to calculate the relative error between a correlation and an experimental point whose measured creep strain is given in Cell *F2*.

Table IV-2. Representative Experimental Points along with Calculated Creep Strains

Correlation	Cell Containing the Calculated Creep Strain	Formula Entered in Excel
Matsuo	*H2*	ABS((*H2-F2*)/*F2*)
Murty	*L2*	ABS((*L2-F2*)/*F2*)
Mayuzumi	*R2*	ABS((*R2-F2*)/*F2*)
Limback	*W2*	ABS((*W2-F2*)/*F2*)
Spilker	*AA2*	ABS((*AA2-F2*)/*F2*)
Peehs	*AE2*	ABS((*AE2-F2*)/*F2*)

This formula has been pasted over the columns involved so as to obtain the relative error associated with the other creep strain values.

Computer generated results for the range of input parameters: Table IV-3 gives the results obtained by Excel for both of the experimental points described in Table IV-1. The results have been extracted form Table III-1 of Attachment III. It should be noted that these numbers are rounded and do not reflect the actual precision of the calculation performed by Excel.

Table IV-3. Calculated Relative Error for Both Experimental Points

Correlation	First Experimental Point: Temperature = 573.15 K Hoop Stress = 100 MPa Time = 240 h Measured Creep Strain = 0.11%	Second Experimental Point: Temperature = 658.15 K Hoop Stress = 120 MPa Time = 480 h Measured Creep Strain = 1.45%
Matsuo	9.35×10^{-1}	4.91×10^{-1}
Murty	9.94×10^{-1}	3.30×10^{-1}
Mayuzumi	9.67×10^{-1}	4.56×10^{-1}
Limback	8.52×10^{-1}	8.70×10^{-2}
Spilker	1.80×10^{-1}	7.08×10^{-1}
Peehs	7.19×10^{-1}	7.95×10^{-1}

Comparison with independent calculation performed on a hand calculator: the results are identical. Consequently, the routines provide correct results over the range of input parameters considered.